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CHECKLIST

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Checklist of the sawflies (Hymenoptera) of Canada, Alaska and Greenland

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Abstract

A distributional checklist of the sawflies (Hymenoptera) of Canada, Alaska (USA) and Greenland (Denmark) is presented. In total, 758 extant, described species, classified in 113 genera in 12 families are recorded. Of these, 729 (in 113 genera in 12 families) are reported from Canada, 183 (in 48 genera in 8 families) from Alaska, and 7 (in 1 genus) from Greenland. The list includes 69 new species records and 5 new generic records for Canada and 29 new species records and 7 new generic records for Alaska. The family Xiphydriidae is also newly recorded from Alaska. No new records are reported from Greenland. Eighty-four new combinations are proposed for species of Nematinae (Tenthredinidae). Distributions are listed for all species, for those in Canada by province or territory, except the province of Newfoundland and Labrador is divided into the island of Newfoundland and the region of Labrador. This inventory is compared with previous Nearctic and Palaearctic surveys, checklists and catalogues.

Keywords

Northern North America, sawflies, species distributions

* Retired

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Introduction

Sawflies (including horntails) comprise an ancient series of lineages in the order Hymenoptera. Including fossils, there are 8618 described species of sawflies in the world (Taeger et al. 2018) compared to a total of about 154,000 in the order Hymenoptera (Huber 2017). The earliest known fossils of Hymenoptera are sawflies of the family Xyelidae (Riek 1955; Lara et al. 2014) from the middle to late Triassic. Previously, sawflies were classified in the suborder Symphyta (Smith 1979a); however, morphology-based phylogenetic studies on the order Hymenoptera established that sawflies were part of a paraphyletic grade of lineages that diverged prior to the origin of the suborder Apocrita, a clade that includes all other extant families of Hymenoptera (Königsmann 1977; Rasnitsyn 1988; Ronquist et al. 1999). This hypothesis of relationships has been supported by more recent studies using molecular data, e.g., Heraty et al. 2011; Peters et al. 2017. In most of these studies, the sawfly superfamily Xyeloidea (family Xyelidae) is sister group to all other Hymenoptera (but see Peters et al. 2017) and superfamily Orussoidea (family Orussidae) is sister group to Apocrita. Sawflies are currently classified into seven extant superfamilies and fourteen extant families (Taeger et al. 2010, 2018). All extant superfamilies are present in northern North America with representatives of all families except for Blasticotomidae (Tenthredinoidea) and Megalodontesidae (Pamphilioidea) (Taeger et al. 2018; Bennett et al. 2019) (Table 1 and Figs 2–26).

In terms of biology, all sawflies are herbivorous as larvae, except for Orussoidea which are parasitoids of horntails (Hymenoptera: Siricidae) (Rawlings 1957) and wood-boring beetles (Coleoptera) (Powell and Turner 1975). Most larvae are external feeders on angiosperms, but some taxa feed externally on conifers, for example, Diprionidae (Benson 1939), Pamphiliidae (Middlekauff 1958) as well as some Tenthredinidae (e.g., Prous et al. 2017). A few taxa, mostly in the tenthredinid subfamily Selandriinae, feed externally on ferns (Smith 1969b). Feeding inside plants has evolved several times, for example, wood-boring in Anaxyelidae (Wickman 1967), Siricidae (Schiff et al. 2012) and Xiphydriidae (Smith 1976a). Some larvae develop internally in stems, especially stem sawflies (Cephidae) (Ries 1937), whereas others feed and develop inside reproductive organs of their host plants, e,g,, species of *Xyela* Dahlman (Xyelidae) in the staminate cones of pine trees (*Pinus* Linnaeus) (Burdick 1961). Some species, especially in the genus *Euura* Newman have larvae that are gall-makers (Benson 1960). In addition, some are leaf-miners, especially within the tenthredinid subfamily Heterarthrinae (Leppänen et al. 2012). Because of their herbivory, some species can be pests, e.g., the wheat stem sawfly, *Cephus cinctus* Norton (Cephidae) is a widespread pest of wheat and other cereals in North America (Shanower and Hoelmer 2004) and *Sirex noctilio* Fabricius (Siricidae), a recent invasive species in North America, is a major pest of pine trees in many parts of the world (Hoebeke et al. 2005). As adults, most sawflies, especially females, feed on pollen and nectar, but some taxa, especially in the tenthredinid subfamilies Allantinae, Selandriinae and Tenthredininae are active predators of other insects (Benson 1950) (Fig. 17).

On a world level, sawfly researchers are very well-served by the online Electronic World Catalog of Symphyta (ECatSym) (Taeger et al. 2018), which provides a comprehensive compilation of the taxonomic and distributional information and literature sources for all species of sawflies. With respect to surveys of sawflies within the Nearctic region, the catalogue of Smith (1979a) recorded 992 species in America North of Mexico and included distributional ranges for all species, including those known in Alaska and Greenland up to 1974. Masner et al. (1979) calculated the number of described species of sawflies by family in Canada (443). A comprehensive survey of the sawflies of the state of Alaska (USA) has not been made since Smith (1979a), whereas Vilhelmsen (2015) recently reviewed the sawflies of Greenland. Taxonomically, the Nearctic sawfly fauna is very well-studied relative to other groups of Hymenoptera (see references in Table 2), and on a regional level is probably better studied than any other part of the world except for Europe (see comparison in Results and Discussion). Historically, early workers provided catalogues of Nearctic sawflies, e.g., Edward Norton (1867, 1868). In the late 19th and early 20th centuries Alexander MacGillivray and, later, Sievert Rohwer both described over 500 species of sawflies (Taeger et al. 2010), the majority of which were Nearctic. In addition, Charles Marlatt revised the North American species of the taxonomically challenging tenthredinid subfamily Nematinae (Marlatt 1896). Starting in the 1930s Herbert Ross contributed to our knowledge of Nearctic sawflies, most importantly with his classification of the genera (Ross 1937) as well as his catalog of the sawflies of North America, north of Mexico (Ross 1951). More recently, from the 1960s to the present, David Smith revised many groups, described over 500 species and provided the catalogue of the sawflies of America North of Mexico (Smith 1979a). Goulet (1992) provided keys to the genera and subgenera of the sawflies of Canada and Alaska. It is the purpose of this paper to provide a distributional checklist of the sawflies of Canada, Alaska and Greenland, incorporating previously published, substantiated records as well as new records based on authoritatively identified specimens.

Methods

Sources of data

Most records in this study are based on examination of specimens deposited in the Canadian National Collection of Insects, Arachnids and Nematodes, Ottawa (**CNC**). Other examined specimens are deposited in the following collections (with current curator and acronym used in Table 2): Centre for Biodiversity Genomics, University of Guelph, Guelph, Ontario, Canada (J. deWaard) (**BIOUG**); California Academy of Sciences, San Francisco California, USA (R. Zuparko) (**CAS**); Cornell University, Ithaca, New York, USA (J. Dombroskie) (**CUIC**); University of Guelph Insect Collection, Guelph, Ontario, Canada (S. Marshall) (**DEBU**); Utah State University, Logan, UT, USA (D. Wahl) (**EMUS**); Florida State Collection of Arthropods, Gainesville, FL, USA (E. Talamas) (**FSCA**); Illinois Natural History Survey, Champaign, Illinois,

USA (T. McElrath) (**INHS**), Northern Forestry Centre, Edmonton, Alberta, Canada (D. Langor) (**NOFC**); Collection Entomologique Ouellet-Robert, Département des Sciences Biologiques, Université de Montréal, QC, Canada (E. Normandin-Leclerc) (**QMOR**); Royal Ontario Museum, Toronto, Ontario, Canada (D.C. Darling) (**ROM**); Senckenberg Deutsches Entomologisches Institut, Müncheberg, Germany (A. Taeger) (**SDEI**); University of Alaska Museum, Fairbanks, AK, USA (D. Sikes) (**UAM**); University of Alberta, Strickland Museum, Edmonton, AB, Canada (F. Sperling) (**UASM**); National Museum of Natural History, Smithsonian Institution, Washington, DC, USA (D. Smith) (**USNM**). Some records are based on literature sources for which specimens could not be examined (literature citations shown in Table 2). A few records are based on comparison of DNA barcodes and photos on the Barcode of Life Datasystems (BOLD) website (Ratnasingham and Hebert 2007). These are denoted with the BIOUG acronym in Table 2. Finally, we do mention records from the 242 km^2 French Overseas Collectivity of Saint Pierre and Miquelon islands located 25 km from the southern coast of Newfoundland that were obtained from the TAXREF database (Gargominy et al. 2020) managed by the Muséum national d'Histoire naturelle, Paris, but specimens were not examined and these records are only mentioned in the text, not included in Table 2. We did not include any other records known only from websites or museum databases. We only include described species, not undescribed taxa or specimens identified only to genus. Fossils are not included in the checklist. All records published up to October 1, 2020 were evaluated for the current checklist.

Presentation of data

Distributions of taxa are indicated using acronyms of 18, mostly political regions of northern (mostly north of 45° latitude) North America. For practical purposes the province of Newfoundland and Labrador is divided into the island of Newfoundland and the region of Labrador on mainland Canada. The acronyms used for the regions are: AK = Alaska (USA), GL = Greenland (Denmark), CAN = Canada and, within Canada, AB = Alberta, BC = British Columbia, LB = Labrador, MB = Manitoba, NB = New Brunswick, NF = Newfoundland island, NS = Nova Scotia, NT = Northwest Territories, NU = Nunavut, ON = Ontario, PE = Prince Edward Island, QC = Quebec, SK = Saskatchewan, SPM = Saint Pierre and Miquelon, YT = Yukon Territory. These regions are shown in Fig. 1. The distributional data are presented in two ways. Table 1 is a summary of the numbers of described, recorded species of sawflies in Canada, Alaska and Greenland totalled for each family by region. Table 2 is the species checklist arranged alphabetically by superfamily for the same regions. The regions are depicted in the tables approximately from West to East beginning with northernmost continental North America (AK to NU) and then across more southern Canada (BC to NF), to Greenland, which provides a pictorial representation of the species' overall west-to-east distribution across northern North America. It contains three types of distributional records: 1) a published record for which we have examined a specimen; 2) a new (unpublished) record for which we have examined a specimen or a photo and sequence on the BOLD website; and 3) a published record for which we have not examined a speci-

men, but which we trust. Records from BOLD were considered as new (unpublished) records. The different types of records are indicated by different fonts and colours in Table 2 (see Table heading).

Literature references (shown in the far right column of Table 2) are only noted for previously published records for which no specimens were examined. Relevant major references for higher taxa, e.g., revisions of genera, regional checklists, are cited directly under the higher taxon names in Table 2. Our list is not a catalogue, therefore other than for most species of Nematinae (Tenthredinidae) (see below), synonyms and previous combinations are generally not included; these can be found in Taeger et al (2018). In addition to the published checklist, the data presented in Table 2 have been added to Canadensys (https://data.canadensys.net/ipt/resource?r=aafc-hymenoptera-canada-ak-gl) and are also registered on GBIF (Bennett 2021b).

Classification

Classification follows Taeger et al. (2018) except for the spelling of Anaxyeloidea Martynov, 1925, instead of Anaxyleoidea. Of note, the checklist follows the relatively recent changes to the generic classification of Nematinae (Prous et al. 2014). For ease of use, previous taxonomic combinations are provided for those species that recently moved genus, e.g., most of the species now placed in *Euura*. For those combinations suggested by Taeger et al. (2018), but not yet formally published, we propose them as new. In total 84 new combinations in *Euura* and *Nematus* Panzer are proposed (see Table 2).

Results and discussion

A total of 758 described, extant species of sawflies in 113 genera in 12 families are recorded in Canada, Alaska and Greenland (Tables 1, 2). This represents 8.2% of the 9250 species of Hymenoptera recorded from northern North America (Bennett 2021a). Of these, 729 species, in the same 113 genera and 12 families, are recorded from Canada. This is a 64.6% increase from the 443 species reported in Masner et al. (1979). Taeger et al. (2018) recorded 1245 extant described species in the Nearctic region, which means that northern North America has about 61% of the described Nearctic species, not taking into account new distributional records and species not included in Taeger et al. (2018).

Relative to other parts of the Northern Hemisphere, Canada's sawfly fauna is less speciose and/or less well-known than other countries/regions. The land mass of Canada is 9.985 million km^2, which equates to one species per 13,697 km^2. Adding Alaska (1.718 million km^2) and Greenland (2.166 million km^2) to this calculation, the average species density of sawflies in northern North America is one species per 18,297 km^2. In contrast, Taeger et al. (2006) published a checklist of the sawflies of Europe, which recorded 1392 species of sawflies. Considering the land mass of Europe (10.18 million km^2), this equals an average of one sawfly species per 7313 km^2. Other Northern

Table 1. Described, recorded species of sawflies in Canada, Alaska and Greenland totalled for each taxon and in each region. See Methods (Presentation of data) for description of distributional acronyms and Fig. 1 for a map of their locations. Northwest Territories (NT) and Newfoundland (NF) totals each include six ambiguous records that may have been collected in Nunavut (NU) or Labrador (LB), respectively (denoted by NT* and NF* in Table 2).

Taxon	CAN+AK+GL	CAN(New)	AK	YT	NT	NU	BC	AB	SK	MB	ON	QC	NB	PE	NS	LB	NF	GL
ANAXYELOIDEA	**1**	**1 (0)**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Anaxyelidae	1	1 (0)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
CEPHOIDEA	**12**	**12(2)**	**0**	**0**	**0**	**0**	**7**	**3**	**3**	**5**	**7**	**6**	**1**	**0**	**5**	**0**	**1**	**0**
Cephidae	12	12(2)	0	0	0	0	7	3	3	5	7	6	1	0	5	0	1	0
ORUSSOIDEA	**5**	**5(1)**	**0**	**0**	**0**	**0**	**2**	**0**	**1**	**1**	**4**	**2**	**0**	**0**	**0**	**0**	**0**	**0**
Orussidae	5	5(1)	0	0	0	0	2	0	1	1	4	2	0	0	0	0	0	0
PAMPHILIOIDEA	**55**	**54(5)**	**6**	**1**	**1**	**0**	**25**	**15**	**10**	**16**	**40**	**35**	**25**	**3**	**19**	**2**	**8**	**0**
Pamphiliidae	55	54(5)	6	1	1	0	25	15	10	16	40	35	25	3	19	2	8	0
SIRICOIDEA	**28**	**28(2)**	**4**	**3**	**3**	**2**	**14**	**11**	**10**	**10**	**17**	**15**	**10**	**5**	**11**	**4**	**4**	**0**
Siricidae	20	20(0)	3	3	2	2	13	11	9	8	10	10	7	4	8	3	4	0
Xiphydriidae	8	8(2)	1	0	1	0	1	0	1	2	7	5	3	1	3	1	0	0
TENTHREDINOIDEA	**641**	**613(56)**	**172**	**84**	**104**	**41**	**251**	**213**	**133**	**217**	**393**	**346**	**172**	**37**	**166**	**58**	**80**	**7**
Argidae	29	29(3)	4	3	4	0	10	9	4	11	21	19	10	2	9	1	2	0
Cimbicidae	10	9(2)	4	4	4	1	6	6	4	4	7	6	3	0	3	2	4	0
Diprionidae	25	25(1)	2	0	0	0	8	4	3	10	21	15	11	2	7	2	4	0
Pergidae	4	4(0)	0	0	0	0	0	0	0	0	3	3	0	0	2	0	0	0
Tenthredinidae	573	546(50)	162	77	96	40	227	194	122	192	341	303	148	33	145	53	70	7
XYELOIDEA	**16**	**16(3)**	**1**	**4**	**3**	**0**	**8**	**6**	**1**	**0**	**10**	**7**	**1**	**0**	**2**	**0**	**1**	**0**
Xyelidae	16	16(3)	1	4	3	0	8	6	1	0	10	7	1	0	2	0	1	0
TOTALS	**758**	**729(69)**	**183**	**92**	**111**	**43**	**308**	**248**	**158**	**249**	**471**	**411**	**209**	**45**	**203**	**64**	**94**	**7**

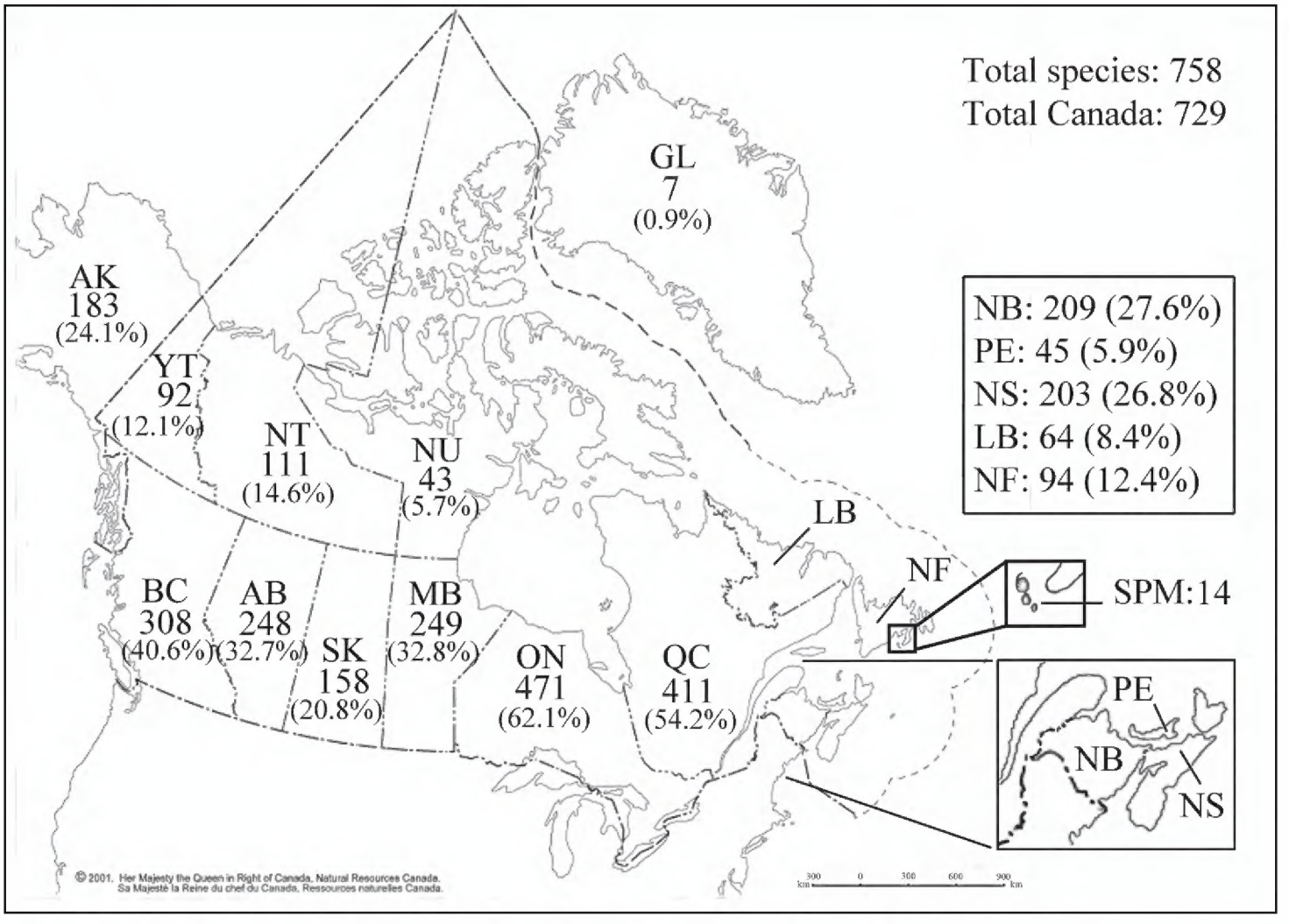


Figure 1. Map of Canada, Alaska and Greenland showing number of described, recorded sawfly species and percentage of total species for each region. Canada is comprised of all regions except for Alaska and Greenland. See Methods, Presentation of data section for acronyms of regions treated in the checklist.

Table 2. Checklist of described species of sawflies of Canada, Alaska and Greenland. See Methods for description of acronyms of regions and Fig. 1 for their locations. Black, regular font records are previously published and a specimen has been examined. Red, boldface records are new (unpublished) and a specimen has been examined. All specimens examined are deposited in the CNC, except if a depository acronym is noted in the far right column. Blue, italicized records are previously published but no specimen has been examined. Literature references are only noted for italicized records. For species with multiple italicized records based on multiple references, the references are listed in order from left to right, corresponding with the distributional records depicted from left to right, unless otherwise noted. An asterisk (*) denotes a record that was collected prior to the establishment of Nunavut or Labrador, and it is uncertain whether the record is from the Northwest Territories or Nunavut, or from the island of Newfoundland or Labrador, respectively. § indicates a species that has been introduced from outside of North America in the last 500 years and has established a population.

ORDER HYMENOPTERA																	
SUPERFAMILY ANAXYELOIDEA																	
FAMILY ANAXYELIDAE																	
Genus *Syntexis* Rohwer, 1915																	
S. libocedrii Rohwer, 1915	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	
SUPERFAMILY CEPHOIDEA																	
FAMILY CEPHIDAE																	
Nearctic revision – Ries 1937																	
Genus *Caenocephus* Konow, 1896																	
C. aldrichi Bradley, 1905	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	
Genus *Calameuta* Konow, 1896																	
Key to Nearctic species – Smith and Schiff 2005																	
C. clavata (Norton, 1869)	**CAN**	–	–	–	–	**BC**	–	–	–	–	–	–	–	–	–	–	
Genus *Cephus* Latreille, 1802																	
C. cinctus Norton, 1872	CAN	–	–	–	–	BC	AB	SK	MB	ON	**QC**	–	–	–	–	–	
C. pygmeus (Linnaeus, 1767) §	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	*NS*	–	–	–	Goulet 1987
Genus *Janus* Stephens, 1835																	
Key to Nearctic species – Smith and Solomon 1989																	
J. abbreviatus (Say, 1824)	CAN	–	–	–	–	–	*AB*	SK	MB	ON	QC	–	–	NS	–	–	–	Emond and Wong 1987
J. bimaculatus (Norton, 1869)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	**NS**	–	–	–	NS-BIOUG
J. integer (Norton, 1861)	CAN	–	–	–	–	**BC**	*AB*	**SK**	MB	ON	QC	–	–	–	–	*NF*	–	Smith 1979a
Genus *Phylloecus* Newman, 1838																	
(= *Hartigia* Schiødte: see Liston and Prous 2014). Nearctic Revision – Smith 1986c as *Hartigia*																	
P. bicinctus Provancher, 1875	CAN	–	–	–	–	–	–	–	MB	ON	QC	–	–	–	–	–	–	
P. cowichanus (Ries, 1937)	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
P. riesi (D.R. Smith, 1986)	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
P. trimaculatus (Say, 1824)	CAN	–	–	–	–	*BC*	–	–	*MB*	ON	QC	*NB*	–	**NS**	–	–	–	BC, MB-Ries 1937; NB-Smith 1986c
Genus *Trachelus* Jurine, 1807																	
T. tabidus (Fabricius, 1775) §	**CAN**	–	–	–	–	–	–	–	–	–	–	–	–	**NS**	–	–	–	
SUPERFAMILY ORUSSOIDEA																	
FAMILY ORUSSIDAE																	
Genus *Orussus* Latreille, 1796																	
Nearctic revision – Middlekauff 1983																	
O. minutus Middlekauff, 1983	CAN	–	–	–	–	–	–	–	*MB*	ON	–	–	–	–	–	–	–	Skvarla et al. 2015
O. occidentalis Cresson, 1879	CAN	–	–	–	–	BC	–	*SK*	–	ON	–	–	–	–	–	–	–	Middlekauff 1983
O. sayii Westwood, 1835	CAN	–	–	–	–	–	–	–	–	ON	**QC**	–	–	–	–	–	–	
O. terminalis Newman, 1838	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
O. thoracicus Ashmead, 1898	**CAN**	–	–	–	–	**BC**	–	–	–	–	–	–	–	–	–	–	–	INHS
SUPERFAMILY PAMPHILIOIDEA																	
FAMILY PAMPHILIIDAE																	
SUBFAMILY CEPHALCIINAE																	
Genus *Acantholyda* Costa, 1894																	
Nearctic revision – Middlekauff 1958																	

Subgenus *Acantholyda* Costa, 1894																		
A. erythrocephala (Linnaeus, 1758)[§]	CAN	–	–	–	–	–	**AB**	–	–	ON	**QC**	–	–	–	–	–	–	AB-NOFC
A. pini Rohwer, 1911	CAN	–	–	–	–	–	–	–	–	ON	QC	**NB**	–	–	–	–	–	
Subgenus *Itycorsia* Konow, 1894																		
A. albomarginata (Cresson, 1880)	CAN	AK	–	–	–	BC	–	–	–	**ON**	–	–	–	**NS**	–	–	–	
A. angulata (MacGillivray, 1912)	CAN	–	–	–	–	–	–	–	**MB**	ON	QC	*NB*	–	–	–	–	–	Middlekauff 1958
A. atrata (Cresson, 1880)	CAN	AK	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
A. balanata (MacGillivray, 1923)	CAN	–	–	–	–	BC	–	–	**MB**	**ON**	**QC**	**NB**	–	**NS**	–	–	–	
A. brunnicans (Norton, 1864)	CAN	–	–	–	–	BC	AB	–	–	–	–	**NB**	–	–	–	–	–	
A. brunniceps (Cresson, 1880)	CAN	–	–	–	–	–	–	–	–	ON	*QC*	NB	–	–	–	–	–	Middlekauff 1958
A. bucephala (Cresson, 1880)	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
A. burkei Middlekauff, 1958	**CAN**	–	–	–	–	**BC**	**AB**	–	–	–	–	–	–	–	–	–	–	
A. chicoutimiensis (Huart, 1879)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
A. circumcincta (Klug, 1808)	CAN	–	–	–	–	–	–	–	–	–	QC	*NB*	–	–	–	–	–	Middlekauff 1958
A. crocina Middlekauff, 1958	**CAN**	–	–	–	–	**BC**	–	–	–	–	–	–	–	–	–	–	–	
A. luteomaculata (Cresson, 1880)	CAN	–	–	–	–	–	–	**SK**	**MB**	ON	QC	NB	–	**NS**	–	–	–	
A. maculiventris (Norton, 1869)	CAN	–	–	–	–	BC	**AB**	SK	**MB**	ON	QC	NB	–	NS	LB	NF	–	
A. ochrocera (Norton, 1869)	CAN	–	–	–	–	**BC**	–	**SK**	–	ON	QC	NB	–	**NS**	–	–	–	
A. ruficeps (Harrington, 1893)	CAN	–	–	–	–	BC	–	**SK**	–	ON	QC	**NB**	–	–	–	–	–	
A. terminalis (Cresson, 1880)	**CAN**	–	–	–	–	**BC**	–	–	–	–	–	–	–	–	–	–	–	
A. tesselata (Klug, 1808)	CAN	–	–	–	–	–	–	–	–	ON	QC	**NB**	–	–	–	–	–	
A. verticalis (Cresson, 1880)	CAN	–	–	–	–	BC	*AB*	–	–	–	–	**NB**	–	–	–	–	–	Middlekauff 1958
A. zappei (Rohwer, 1920)	CAN	–	–	–	–	BC	–	–	–	ON	QC	**NB**	–	–	–	–	–	
Genus *Cephalcia* Panzer, 1803																		
Key to Nearctic species – Eidt 1969																		
C. californica Middlekauff, 1958	CAN	–	–	–	–	BC	*AB*	–	–	–	–	–	–	–	–	–	–	Eidt 1969
C. distincta (MacGillivray, 1912)	CAN	–	–	–	–	–	–	–	–	ON	*QC*	NB	–	**NS**	–	NF	–	Eidt 1969
C. fascipennis (Cresson, 1880)	CAN	–	–	–	–	BC	**AB**	SK	*MB*	ON	QC	NB	*PE*	*NS*	–	–	–	Eidt 1969
C. frontalis (Westwood, 1874)	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
C. fulviceps (Rohwer, 1910)	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	–	–	–	–	–	
C. marginata Middlekauff, 1953	CAN	–	–	–	–	–	–	–	–	–	QC	**NB**	–	NS	–	–	–	
C. nigra Middlekauff, 1958	CAN	–	–	–	–	–	–	–	–	ON	–	*NB*	–	NS	–	–	–	Eidt 1969
C. provancheri (Huart, 1879)	CAN	*AK*	*YT*	–	–	BC	AB	*SK*	*MB*	ON	QC	NB	PE	NS	–	NF	–	Eidt 1969
C. semidea (Cresson, 1880)	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	–	**NS**	–	NF	–	
SUBFAMILY PAMPHILIINAE																		
Genus *Neurotoma* Konow, 1897																		
Nearctic revision – Middlekauff 1958																		
N. crataegi Middlekauff, 1940	CAN	–	–	–	–	–	–	**SK**	MB	**ON**	–	–	–	–	–	–	–	SK-INHS
N. edwardi Liston, 1996 = *N. fasciata* (Norton, 1862)	CAN	–	–	–	–	–	–	–	–	ON	*QC*	–	–	–	–	–	–	Smith 1979a
N. inconspicua (Norton, 1869)	CAN	–	–	–	–	BC	–	–	*MB*	**ON**	QC	**NB**	–	–	LB	NF	–	Middlekauff 1958
N. willi Middlekauff, 1958	**CAN**	–	–	–	–	–	–	–	–	**ON**	–	–	–	–	–	–	–	
Genus *Onycholyda* Takeuchi, 1938																		
Nearctic revision – Middlekauff 1964																		
O. excavata (Norton, 1869)	CAN	–	–	–	–	BC	–	–	–	ON	QC	–	–	–	–	–	–	
O. luteicornis (Norton, 1869)	CAN	–	–	–	–	–	*AB*	SK	MB	ON	QC	*NB*	–	NS	–	**NF**	–	Middlekauff 1964
O. multisignata (Norton, 1864)	CAN	–	–	**NT**	–	BC	AB	SK	MB	ON	–	–	–	–	–	–	–	NT-INHS
O. nigritibialis (Rohwer, 1912)	CAN	–	–	–	–	–	*AB*	*SK*	MB	ON	QC	–	–	*NS*	–	**NF**	–	AB, SK-Middlekauff 1964; NS-Goulet 1987
O. quebecensis (Provancher, 1878)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	*NS*	–	–	–	Goulet 1987
O. rufofasciata (Norton, 1869)	CAN	–	–	–	–	–	AB	–	*MB*	ON	QC	NB	PE	*NS*	–	NF	–	Middlekauff 1964
O. sitkensis (Kincaid, 1900)	CAN	*AK*	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	Kincaid 1900
Genus *Pamphilius* Latreille, 1803																		
Nearctic revision – Middlekauff 1964																		
P. burquei (Provancher, 1878)	*CAN*	–	–	–	–	–	–	–	–	*ON*	*QC*	–	–	–	–	–	–	Smith 1979a; Smith 1975b

P. cinctus Harrington, 1893	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
P. infuscatus Middlekauff, 1964	CAN	–	–	–	–	*BC*	*AB*	–	–	ON	QC	–	–	–	–	–	–	Middlekauff 1964
P. middlekauffi Shinohara & D.R. Smith, 1983	CAN	–	–	–	–	**BC**	–	–	MB	ON	QC	**NB**	–	*NS*	–	–	–	Goulet 1987
P. ochreipes (Cresson, 1880)	CAN	*AK*	–	–	–	BC	AB	–	*MB*	ON	QC	–	–	*NS*	–	–	–	AK, MB-Middlekauff 1964; NS-Goulet 1987
P. pacificus (Norton, 1869)	CAN	–	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–	–	
P. palachei (Ashmead, 1902)	–	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	Middlekauff 1964
P. pallimaculus (Norton, 1869)	CAN	–	–	–	–	BC	–	–	–	ON	QC	–	–	*NS*	–	–	–	Goulet 1987
P. persicum MacGillivray, 1907	*CAN*	–	–	–	–	–	–	–	–	*ON*	*QC*	–	–	–	–	–	–	Middlekauff 1964
P. phyllisae Middlekauff, 1964	CAN	–	–	–	–	–	–	–	–	ON	QC	*NB*	–	–	–	–	–	Middlekauff 1964
P. rileyi (Cresson, 1880)	**CAN**	–	–	–	–	–	–	–	–	**ON**	–	–	–	–	–	–	–	
P. semicinctus (Norton, 1862)	CAN	–	–	–	–	–	–	–	–	*ON*	QC	–	–	**NS**	–	–	–	Middlekauff 1964
P. uniunguis Middlekauff, 1964	CAN	–	–	–	–	–	–	–	MB	–	–	–	–	–	–	–	–	
P. vernalis Middlekauff, 1964	CAN	–	–	–	–	–	–	–	MB	–	–	–	–	–	–	–	–	
FAMILY SIRICIDAE																		
Nearctic Revision – Schiff et al. 2012																		
SUBFAMILY SIRICINAE																		
Genus *Sirex* Linnaeus, 1761																		
S. abietinus Goulet, 2012	CAN	–	YT	–	–	BC	*AB*	–	–	–	–	–	–	–	–	–	–	Schiff et al. 2012
S. areolatus (Cresson, 1868)	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	*NS*	–	–	–	Schiff et al. 2012
S. behrensii (Cresson, 1880)	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
S. californicus (Ashmead, 1904)	CAN	–	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–	–	
S. cyaneus Fabricius, 1781	CAN	–	–	–	–	–	*AB*	*SK*	*MB*	ON	QC	NB	–	NS	LB	NF	–	Schiff et al. 2012
S. longicauda Middlekauff, 1948	*CAN*	–	–	–	–	*BC*	–	–	–	–	–	–	–	–	–	–	–	Schiff et al. 2012
S. nigricornis Fabricius, 1781	CAN	–	–	–	–	**BC**	AB	SK	–	ON	QC	–	–	–	–	–	–	
S. nitidus (T. W. Harris, 1841)	CAN	AK	YT	NT	NU	BC	AB	SK	MB	ON	QC	NB	*PE*	NS	*LB*	NF	–	Schiff et al. 2012
S. noctilio Fabricius, 1793[§]	CAN	–	–	–	–	–	–	–	*MB*	ON	*QC*	–	–	–	–	–	–	Schiff et al. 2012
S. varipes Walker, 1866	CAN	–	–	–	–	BC	*AB*	–	–	–	–	–	–	–	–	–	–	Schiff et al. 2012
Genus *Urocerus* Geoffroy, 1785																		
Key to Nearctic species – Smith 1987; Schiff et al. 2012																		
U. albicornis (Fabricius, 1781)	CAN	–	–	–	–	BC	AB	SK	MB	ON	QC	NB	PE	NS	–	NF	–	
U. californicus Norton, 1869	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
U. cressoni Norton, 1864	CAN	–	–	–	–	–	–	SK	MB	ON	QC	NB	PE	NS	–	–	–	
U. flavicornis (Fabricius, 1781)	CAN	AK	YT	NT	NU	BC	AB	SK	MB	ON	QC	*NB*	*PE*	NS	*LB*	NF	–	Schiff et al. 2012
U. sah (Mocsáry, 1881)[§]	CAN	–	–	–	–	–	–	–	–	–	QC	–	–	–	–	–	–	
U. taxodii (Ashmead, 1904)	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
SUBFAMILY TREMICINAE																		
Genus *Tremex* Jurine, 1807																		
T. columba (Linnaeus, 1763)	CAN	–	–	–	–	–	AB	*SK*	*MB*	ON	QC	NB	–	NS	–	–	–	Schiff et al. 2012
Genus *Xeris* Costa, 1894																		
World revision: – Goulet et al. 2015																		
X. caudatus Cresson, 1865	CAN	AK	–	–	–	BC	AB	*SK*	–	–	–	–	–	–	–	–	–	Goulet et al. 2015
X. indecisus MacGillivray, 1893	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
X. melancholicus Westwood, 1874	CAN	–	–	–	–	–	AB	SK	MB	ON	QC	NB	–	NS	–	–	–	
FAMILY XIPHYDRIIDAE																		
Genus *Xiphydria* Latreille, 1802																		
Nearctic revision – Smith 1976a																		
X. abdominalis Say, 1824	CAN	–	–	–	–	–	–	–	–	ON	**QC**	–	–	–	–	–	–	
X. canadensis Provancher, 1875	CAN	–	–	–	–	–	–	–	–	–	QC	–	–	–	–	–	–	

X. champlaini Rohwer, 1921	**CAN**	–	–	–	–	–	–	–	–	**ON**	–	–	–	–	–	–	–	
X. hicoriae Rohwer, 1918	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
X. maculata Say, 1836	CAN	–	–	–	–	–	–	–	*MB*	ON	QC	NB	PE	**NS**	–	–	–	Smith 1976a
X. mellipes T.W. Harris, 1841	CAN	**AK**	–	NT	–	BC		SK	MB	ON	QC	NB	–	NS	LB	–	–	UAM
X. prolongata (Geoffrey, 1785) §	**CAN**	–	–	–	–	–	–	–	–	**ON**	–	–	–	–	–	–	–	
X. tibialis Say, 1824	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	–	NS	–	–	–	
SUPERFAMILY TENTHREDINOIDEA																		
FAMILY ARGIDAE																		
SUBFAMILY ARGINAE																		
Genus *Arge* Schrank, 1802																		
Nearctic revision – Smith 1989																		
A. abdominalis (Leach, 1817)	CAN	–	–	–	–	–	–	–	–	ON	**QC**	NB	–	NS	–	–	–	
A. borealis (Kirby, 1882)	CAN	–	–	–	–	–	–	–	MB	ON	QC	NB	–	*NS*	–	–	–	Smith 1989
A. clavicornis (Fabricius, 1781)	CAN	*AK*	–	*NT*	–	BC	AB	*SK*	*MB*	ON	QC	–	–	NS	–	*NF*	–	AK, SK, MB-Smith 1989; NT-INHS; NF-Smith 1979a
A. coccinea (Fabricius, 1804)	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
A. curvaria D.R. Smith, 1989	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
A. cyra (Kirby, 1882)	CAN	AK	YT	NT	–	BC	AB	SK	MB	ON	QC	NB	–	NS	–	**NF**	–	NF-BIOUG
A. humeralis (Palisot de Beauvois, 1809)	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
A. macleayi (Leach, 1817)	CAN	–	–	–	–	**BC**	*AB*	–	MB	ON	QC	NB	PE	NS	–	–	–	Smith 1989
A. ochropus (Gmelin, 1790) §	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	*NS*	–	–	–	Hoebeke and Wheeler 2005
A. onerosa (MacGillivray, 1923)	CAN	–	YT	NT	–	BC	–	–	MB	ON	QC	NB	–	–	–	–	–	
A. parena D.R. Smith, 1989	CAN	*AK*	YT	NT	–	BC	*AB*	–	–	–	–	–	–	–	–	–	–	Smith 1989
A. pectoralis (Leach, 1817)	CAN	–	–	–	–	BC	*AB*	SK	MB	ON	QC	NB	PE	NS	–	–	–	Smith 1989
A. quidia D.R. Smith, 1989	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
A. scapularis (Klug, 1814)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
A. smithi Blank, Liston & Taeger, 2009	CAN	–	–	–	–	–	–	–	*MB*	*ON*	QC	–	–	–	–	–	–	Smith 1989
A. sparta (MacGillivray, 1923)	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
A. tavida D.R. Smith, 1989	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
A. tumsua D.R. Smith, 1989	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
A. willi D.R. Smith, 1989	CAN	–	–	–	–	–	–	–	MB	ON	QC	NB	–	NS	–	–	–	
SUBFAMILY ATOMACERINAE																		
Genus *Atomacera* Say, 1836																		
Nearctic revision – Smith 1969a																		
Atomacera debilis Say, 1836	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
SUBFAMILY STERICTIPHORINAE																		
Genus *Aproceros* Malaise, 1931																		
A. leucopoda Takeuchi, 1939 §	*CAN*	–	–	–	–	–	–	–	–	–	*QC*	–	–	–	–	–	–	CFIA 2020
Genus *Schizocerella* Forsius, 1927																		
Nearctic revision – Hartsough et al. 2007																		
S. lineata (Rohwer, 1909)	**CAN**	–	–	–	–	–	–	–	–	**ON**	–	–	–	–	–	–	–	
S. pilicornis (Holmgren, 1868)	CAN	–	–	–	–	**BC**	**AB**	**SK**	**MB**	ON	**QC**	–	–	–	–	–	–	AB-INHS
Genus *Sphacophilus* Provancher, 1888																		
Nearctic revision – Smith 1971a																		
Subgenus *Ceocolus* D.R. Smith, 1971																		
S. nigriceps (Konow, 1906)	CAN	–	–	–	–	–	*AB*	–	MB	–	–	–	–	–	–	–	–	Smith 1971a
Subgenus *Litocolus* D.R. Smith, 1971																		
S. cellularis (Say, 1836)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
Genus *Sterictiphora* Billberg, 1820																		
Nearctic revision – Smith 1969a																		
S. cruenta D.R. Smith, 1969	CAN	–	–	–	–	–	–	–	**MB**	ON	**QC**	**NB**	–	**NS**	–	–	–	
S. maura (Cresson, 1880)	**CAN**	–	–	–	–	–	**AB**	–	–	–	–	–	–	–	–	–	–	INHS
S. prunivora (Dyar, 1897)	**CAN**	–	–	–	–	–	–	–	–	–	**QC**	**NB**	–	–	–	–	–	
S. sericea (Norton, 1867)	**CAN**	–	–	–	–	–	–	–	–	**ON**	**QC**	**NB**	–	–	**LB**	–	–	
S. transversa D.R. Smith, 1969	CAN	*AK*	–	–	–	–	AB	–	–	**ON**	**QC**	–	–	–	–	–	–	Smith 1969a
FAMILY CIMBICIDAE																		
SUBFAMILY ABIINAE																		
Genus *Abia* Leach, 1817																		
A. americana (Cresson, 1880) (species complex)	CAN	*AK*	–	–	–	**BC**	AB	SK	MB	ON	QC	–	–	*NS*	–	NF	–	AK-Smith 1979a; BC-BIOUG; NS-Goulet 1987

A. fasciata (Linnaeus, 1758)§	CAN	–	–	–	–	–	–	–	–	–	QC	–	–	–	–	NF	–	
A. inflata (Norton, 1861)	CAN	–	YT	NT	–	BC	AB	SK	MB	ON	QC	NB	–	–	LB	–	–	
A. kennicotti Norton, 1867	CAN	–	–	–	–	BC	AB	–	–	ON	QC	–	–	–	–	–	–	
A. lonicerae (Linnaeus, 1758)§	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
SUBFAMILY CIMBICINAE																		
Genus *Cimbex* Olivier, 1791																		
C. americanus Leach, 1817 (species complex)	CAN	AK	YT	NT	–	BC	AB	SK	MB	ON	QC	NB	–	NS	–	NF	–	
C. semidea (Cresson, 1880)	CAN	–	YT	–	–	BC	AB	–	–	ON	–	–	–	–	–	–	–	BC-INHS
Genus *Trichiosoma* Leach, 1817																		
T. aleutianum Cresson, 1880	–	AK	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	Smith 1979a
T. crassum W.F. Kirby, 1882	CAN	–	–	NT	–	–	–	–	–	–	–	–	–	–	–	–	–	Smith 1979a
T. triangulum W. Kirby, 1837 (species complex)	CAN	AK	YT	NT	NU	BC	AB	SK	MB	ON	QC	NB	–	NS	LB	NF	–	
FAMILY DIPRIONIDAE																		
Key to Nearctic genera and species checklist – Smith 1974a																		
SUBFAMILY DIPRIONINAE																		
Genus *Diprion* Schrank, 1802																		
D. similis (Hartig, 1836)§	CAN	–	–	–	–	–	–	–	MB	ON	QC	NB	PE	NS	–	NF	–	MB-Wong and Tidsbury 1983; NB, PE, NS, NF-Lyons 2014
Genus *Gilpinia* Benson, 1939																		
G. frutetorum (Fabricius, 1793)§	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	Smith 1979a
G. hercyniae (Hartig, 1837)§	CAN	–	–	–	–	–	–	–	MB	ON	QC	NB	PE	NS	LB	NF	–	Wong 1972; Bowers et al. 1993; Turnock and Melvin 1963
Genus *Neodiprion* Rohwer, 1918																		
Nearctic revision – Ross 1955																		
N. abbotii (Leach, 1817)	CAN	–	–	–	–	–	AB	–	–	ON	QC	NB	–	–	–	–	–	
N. abietis (T.W. Harris, 1841)	CAN	AK	–	–	–	BC	AB	SK	MB	ON	QC	NB	–	NS	LB	NF	–	Smith 1979a
N. burkei Middleton, 1931	CAN	–	–	–	–	BC	AB	–	–	ON	–	–	–	–	–	–	–	
N. compar (Leach, 1817)	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	–	–	–	–	–	Atwood and Peck 1943
N. dubiosus Schedl, 1933	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
N. fulviceps (Cresson, 1880)	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
N. lecontei (Fitch, 1858)	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	–	–	–	–	–	Coppel and Benjamin 1965
N. maurus Rohwer, 1918	CAN	–	–	–	–	–	–	–	MB	ON	QC	–	–	–	–	–	–	Lawrence and Melvin 1967
N. mundus Rohwer, 1918	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
N. nanulus Schedl, 1933	CAN	–	–	–	–	BC	AB	–	MB	ON	QC	NB	–	NS	–	–	–	Ciesla and Smith 2011
N. nigroscutum Middleton, 1933	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
N. pinetum (Norton, 1869)	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	–	–	–	NF	–	Atwood and Peck 1943
N. pratti (Dyar, 1899)	CAN	–	–	–	–	–	–	–	MB	ON	QC	NB	–	NS	–	–	–	MB-Turnock and Melvin 1963; NB, NS-Smith 1979a
N. rugifrons Middleton, 1933	CAN	–	–	–	–	–	–	–	MB	ON	–	–	–	–	–	–	–	
N. scutellatus Rohwer, 1918	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
N. sertifer (Geoffroy, 1785)§	CAN	–	–	–	–	–	–	SK	–	ON	–	–	–	–	–	–	–	Looney et al. 2016
N. swainei Middleton, 1931	CAN	–	–	–	–	BC	–	–	MB	ON	QC	NB	–	–	–	–	–	Wallace 1959; Smith 1979a
N. tsugae Middleton, 1933	CAN	AK	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
N. virginianus Rohwer, 1918	CAN	–	–	–	–	–	–	–	MB	ON	QC	NB	–	NS	–	–	–	
SUBFAMILY MONOCTENINAE																		
Genus *Monoctenus* Dahlbom, 1835																		
M. fulvus (Norton, 1872)	CAN	–	–	–	–	–	–	SK	MB	ON	QC	–	–	NS	–	–	–	
M. melliceps (Cresson, 1880)	CAN	–	–	–	–	–	–	–	–	ON		–	–	–	–	–	–	
M. suffusus (Cresson, 1880)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	Smith 1979a

FAMILY PERGIDAE																		
Nearctic checklist – Smith 2006a																		
Genus *Acordulecera* Say, 1836																		
A. dorsalis Say, 1836	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	*NS*	–	–	–	Goulet 1987
A. maculata MacGillivray, 1908	CAN	–	–	–	–	–	–	–	–	–	QC	–	–	–	–	–	–	
A. mellina MacGillivray, 1908	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	*NS*	–	–	–	Goulet 1987
A. pellucida (Konow, 1898)	CAN	–	–	–	–	–	–	–	–	**ON**	–	–	–	–	–	–	–	CAN-Smith 2006a; ON-INHS
FAMILY TENTHREDINIDAE																		
SUBFAMILY ALLANTINAE																		
Nearctic revision – Smith 1979b																		
Genus *Allantus* Panzer, 1801																		
A. albolabris (Rohwer, 1917)	CAN	AK	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–	–	
A. basalis (Klug, 1818) §	CAN	–	–	–	–	–	–	–	–	–	–	–	–	NS	–	NF	–	
A. cinctus (Linnaeus, 1758) §	CAN	–	–	–	–	BC	–	–	–	*ON*	QC	*NB*	–	**NS**	–	NF	–	ON, NB-Smith 1979b; NS-BIOUG
A. mellipes (Norton, 1861)	CAN	–	–	NT	–	–	AB	SK	MB	ON	QC	NB	–	NS	–	–	–	
A. rahmus D.R. Smith, 1979	CAN	**AK**	–	NT	–	–	–	–	–	–	–	–	–	–	–	–	–	AK-USNM
A. umbonatus Wong, 1966	CAN	–	–	–	–	BC	AB	SK	MB	ON	QC	–	–	–	–	–	–	
A. viennensis (Shrank, 1781)	**CAN**	–	–	–	–	–	–	–	–	**ON**	–	–	–	–	–	–	–	
Genus *Ametastegia* Costa, 1882																		
A. angusta (Kincaid, 1900)	CAN	AK	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
A. aperta (Norton, 1861)	CAN	AK	–	–	–	–	AB	–	MB	ON	QC	–	–	NS	–	*NF*	–	Smith 1979b
A. articulata (Klug, 1818)	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	–	–	–	–	–	
A. coloradensis (Weldon, 1907)	CAN	AK	YT	–	–	BC	AB	–	–	–	–	–	–	–	LB	–	–	
A. equiseti (Fallén, 1808)	CAN	AK	–	NT	–	**BC**	–	SK	–	ON	QC	–	PE	NS	–	–	–	
A. glabrata (Fallén, 1808) §	CAN	–	–	–	–	BC	AB	SK	MB	ON	QC	NB	–	NS	–	–	–	
A. pallipes (Spinola, 1808) §	CAN	**AK**	–	–	–	BC	AB	–	–	ON	QC	**NB**	–	**NS**	–	NF	–	AK-UAM
A. recens (Say, 1836)	*CAN*	*AK*	–	–	–	*BC*	–	–	–	–	–	–	–	–	–	*NF**	–	Smith 1979a
A. rocia D.R. Smith, 1979	CAN	–	–	NT	–	–	–	–	–	ON	QC	NB	–	–	–	–	–	
A. tenera (Fallén, 1808) §	CAN	**AK**	–	–	–	BC	–	–	–	ON	QC	NB	–	–	–	–	–	AK-USNM
A. xenia D.R. Smith, 1979	CAN	–	–	–	–	–	–	–	–	ON	QC	*NB*	–	*NS*	–	*NF*	–	Smith 1979b
Genus *Aphilodyctium* Ashmead, 1898																		
A. fidum (Cresson, 1880)	CAN	–	–	–	–	BC	AB	SK	MB	ON	QC	–	–	NS	–	–	–	
Genus *Dimorphopteryx* Ashmead, 1898																		
D. abnormis Rohwer, 1911	CAN	–	–	–	–	–	–	SK	–	ON	QC	NB	–	–	–	–	–	
D. melanognathus Rohwer, 1910	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	PE	NS	–	*NF*	–	Smith 1979b
D. pinguis (Norton, 1860)	CAN	–	–	–	–	–	–	*SK*	*MB*	ON	QC	NB	PE	NS	–	–	–	Smith 1979b
D. virginica Rohwer, 1911	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	NS	–	–	–	
Genus *Empria* Lepeletier, 1828																		
E. alpina Benson, 1938	*CAN*	–	*YT*	*NT*	*NU*	*BC*	–	–	–	–	–	–	–	–	–	–	–	Smith 1979b
E. candidata (Fallén, 1808)	CAN	AK	YT	NT	–	BC	AB	–	MB	ON	QC	NB	–	NS	–	–	–	SK-INHS
E. coryli (Dyar, 1897)	CAN	–	–	–	–	–	–	–	–	–	QC	–	–	–	–	–	–	
E. evansi D.R. Smith, 1980	*CAN*	–	–	–	–	–	*AB*	–	–	–	–	–	–	–	–	–	–	Smith 1980a
E. ignota (Norton, 1867)	CAN	AK	YT	NT	–	BC	AB	SK	MB	ON	QC	NB	–	NS	LB	*NF*	–	Smith 1979b
E. improba (Cresson, 1880)	CAN	AK	YT	NT	–	BC	AB	SK	MB	ON	QC	–	–	**NS**	LB	–	–	
E. maculata (Norton, 1861)	CAN	AK	**YT**	–	–	BC	AB	SK	MB	ON	QC	NB	–	NS	**LB**	–	–	
E. multicolor (Norton, 1862)	CAN	–	–	–	–	BC	AB	SK	**MB**	ON	QC	NB	–	NS	–	**NF**	–	NF-INHS
E. nordica Ross, 1936	CAN	–	–	NT	–	–	–	–	MB	**ON**	**QC**	–	–	–	–	–	–	
E. obscurata (Cresson, 1880)	CAN	*AK*	**YT**	NT	NU	BC	AB	SK	MB	ON	QC	NB	–	–	LB	–	–	Smith 1979b
Genus *Eriocampa* Hartig, 1837																		
E. juglandis (Fitch, 1857)	CAN	–	–	–	–	–	–	–	–	ON	**QC**	NB	–	–	–	–	–	
E. ovata (Linnaeus, 1760) §	CAN	**AK**	–	–	–	BC	**AB**	–	–	ON	QC	–	–	–	–	–	–	AK-USNM
Genus *Macremphytus* MacGillivray, 1908																		
M. lovetti MacGillivray, 1923	CAN	–	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–	–	
M. semicornis (Say, 1836)	CAN	–	–	–	–	BC	**AB**	**SK**	*MB*	ON	QC	–	–	–	–	*NF*	–	SK-INHS; MB, NF-Smith 1979b
M. tarsatus (Say, 1836)	CAN	–	–	–	–	–	–	–	–	ON	QC	*NB*	–	**NS**	–	NF	–	Smith 1979b
M. testaceus (Norton, 1861)	CAN	–	–	–	–	**BC**	**AB**	SK	MB	ON	QC	*NB*	–	–	–	–	–	Smith 1979b
Genus *Monostegia* Costa, 1859																		
M. abdominalis (Fabricius, 1798) §	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
Genus *Monsoma* MacGillivray, 1908																		
M. inferentium (Norton, 1868)	CAN	–	–	–	–	BC	AB	–	MB	ON	QC	NB	–	*NS*	LB	*NF*	–	Smith 1979b

M. pulveratum (Retzius, 1783) §	CAN	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	NF	–	Kruse et al. 2010
Genus *Phrontosoma* MacGillivray, 1908																		
P. belfragei (Cresson, 1880)	CAN	–	–	–	–	–	AB	–	MB	ON	QC	–	–	**NS**	–	–	–	
P. brocca D.R. Smith, 1979	CAN	–	–	–	–	–	*AB*	–	MB	–	QC	–	–	–	–	–	–	Smith 1980a
P. usta D.R. Smith, 1979	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
Genus *Pseudosiobla* Ashmead, 1898																		
P. excavata (Norton, 1862)	**CAN**	–	–	–	–	–	–	–	–	–	**QC**	–	–	–	–	–	–	
Genus *Taxonus* Hartig, 1837																		
T. borealis MacGillivray, 1895	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	**NS**	**LB**	*NF*	–	Smith 1979b
T. epicera (Say, 1836)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
T. pallicoxus (Provancher, 1885)	CAN	–	–	–	–	*BC*	*AB*	–	MB	ON	QC	*NB*	–	NS	–	–	–	Smith 1979b
T. pallidicornis (Norton, 1868)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
T. pallipes (Say, 1823)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
T. proximus (Provancher, 1885)	CAN	–	–	–	–	–	–	–	**MB**	ON	QC	–	–	**NS**	–	–	–	
T. rufocinctus (Norton, 1860)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
T. spiculatus (MacGillivray, 1908)	**CAN**	–	–	–	–	–	–	–	–	**ON**	**QC**	–	–	–	–	–	–	
T. terminalis (Say, 1824)	CAN	–	–	–	–	–	–	SK	MB	ON	QC	NB	PE	NS	–	–	–	
SUBFAMILY ATHALIINAE																		
Genus *Athalia* Leach, 1817																		
Nearctic distribution – Hoebeke et al. 2011																		
A. cornubiae Benson, 1931 §	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
SUBFAMILY BLENNOCAMPINAE																		
Nearctic revision – Smith 1969c																		
Genus *Apareophora* Sato, 1928																		
A. dyari (Benson, 1930)	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	–	–	–	–	–	
A. rossi D.R. Smith, 1969	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
Genus *Ardis* Konow, 1886																		
A. atrata (Harrington, 1894)	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
A. pallipes (Serville, 1823) §	CAN	**AK**	–	NT	–	BC	AB	**SK**	MB	ON	QC	–	–	*NS*	–	–	–	AK-USNM; Goulet 1987
Genus *Blennogeneris* MacGillivray, 1923																		
B. coloradensis (Rohwer, 1911)	CAN	–	–	–	–	–	–	–	MB	–	–	–	–	–	–	–	–	
B. spissipes (Cresson, 1880)	CAN	–	–	–	–	BC	AB	SK	MB	ON	–	–	–	–	–	–	–	
Genus *Claremontia* Rohwer, 1909																		
C. conspiculata (MacGillivray, 1908)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	NS	–	–	–	
C. osgoodi (D.R. Smith, 1969)	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
C. paupera (Provancher, 1882)	CAN	–	–	–	–	–	AB	*SK*	–	ON	QC	–	–	–	LB		–	Smith 1969c
C. quebecensis (D.R. Smith, 1969)	CAN	–	–	–	–	–	–	–	–	**ON**	QC	–	–	–	–	–	–	
C. typica Rohwer, 1909	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
Genus *Eupareophora* Enslin, 1914																		
E. parca (Cresson, 1880)	CAN	–	–	–	–	–	*AB*	SK	*MB*	ON	QC	NB	–	–	–	–	–	Williams 2007; Smith 1969c
Genus *Eutomostethus* Enslin, 1914																		
E. ephippium (Panzer, 1798) §	CAN	–	–	–	–	BC	–	–	–	ON	QC	NB	–	NS	–	NF	–	
E. luteiventris (Klug, 1816) §	CAN	**AK**	–	–	–	BC	AB	–	–	ON	QC	–	–	NS	–	–	–	AK-USNM
Genus *Halidamia* Benson, 1939																		
H. affinis (Fallén, 1807) §	CAN	–	–	–	–	**BC**	–	–	–	ON	–	–	–	–	–	–	–	
Genus *Lagonis* Ross, 1937																		
L. nevadensis (Cresson, 1880)	CAN	**AK**	–	–	–	BC	*AB*	–	–	–	–	–	–	–	–	–	–	AK-USNM; Smith 1969c
Genus *Lycaota* Konow, 1903																		
L. sodalis (Cresson, 1880)	CAN	–	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–	–	
Genus *Monardis* Enslin, 1914																		
M. pulla D.R. Smith, 1969	CAN	–	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–	–	
Genus *Monophadnoides* Ashmead, 1898																		
M. atrata (MacGillivray, 1893)	CAN	**AK**	–	NT	–	BC	–	–	–	–	–	–	–	–	–	–	–	AK-USNM
M. rubi (T.W. Harris, 1845)	CAN	**AK**	–	NT	–	BC	AB	SK	MB	ON	QC	NB	–	*NS*	**LB**	NF	–	AK-USNM; Goulet 1987
Genus *Monophadnus* Hartig, 1837																		
M. aequalis MacGillivray, 1908	CAN	–	–	–	–	–	AB	SK	MB	ON	QC	–	–	–	–	–	–	
M. contortus (MacGillivray, 1923)	CAN	–	*YT*	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	Smith 1969c
M. lattini D.R. Smith, 1969	CAN	–	–	–	–	–	–	–	MB	–	–	–	–	–	–	–	–	
M. pallescens (Gmelin, 1790) §	CAN	**AK**	–	–	–	BC	–	–	–	ON	QC	NB	–	NS	–	NF	–	AK-USNM
Genus *Paracharactus* MacGillivray, 1908																		
P. niger (Harrington, 1889)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	*NS*	–	–	–	Goulet 1987

P. rudis (Norton, 1861)	CAN	–	–	–	–	–	–	SK	MB	ON	QC	–	–	*NS*	–	–	–	Goulet 1987
Genus *Periclista* Konow, 1886																		
P. albicollis (Norton, 1872)	*CAN*	–	–	–	–	–	–	–	–	*ON*	–	–	–	–	–	–	–	Smith 1969c
P. diluta (Cresson, 1880)	*CAN*	–	–	–	–	–	–	–	–	*ON*	–	–	–	–	–	–	–	Smith 1969c
P. marginicollis (Norton, 1861)	*CAN*	–	–	–	–	–	–	–	–	*ON*	–	–	–	–	–	–	–	Smith 1979a
P. media (Norton, 1864)	*CAN*	–	–	–	–	–	–	–	*MB*	–	–	–	–	–	–	–	–	Smith 1979a
Genus *Phymatocera* Dahlbom, 1835																		
Key to species – Goulet 1981																		
P. fumipennis (Norton, 1861)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
P. racemosae D.R. Smith, 1969	CAN	–	–	–	–	BC	AB	SK	MB	ON	QC	–	–	*NS*	–	–	–	Goulet 1987
P. rusculla (MacGillivray, 1923)	CAN	–	–	–	–	BC	AB	SK	MB	ON	QC	–	–	–	–	–	–	
P. similata (MacGillivray, 1908)	CAN	–	–	–	–	BC	AB	**SK**	MB	ON	QC	–	–	–	–	–	–	SK-INHS
P. smilacinae D.R. Smith, 1969	CAN	–	–	–	–	–	–	–	–	**ON**	*QC*	–	–	*NS*	–	–	–	ON-DEBU; QC-Smith 1969c; NS-Goulet 1987
Genus *Rhadinoceraea* Konow, 1886																		
R. aldrichi (MacGillivray, 1923)	CAN	–	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–	–	
R. insularis (Kincaid, 1900)	CAN	*AK*	–	–	–	BC	–	–	–	–	**QC**	–	–	–	–	–	–	Smith 1969c
R. nubilipennis (Norton, 1867)	CAN	–	–	–	–	–	–	–	–	–	QC	NB	–	–	–	–	–	
Genus *Stethomostus* Benson, 1939																		
S. fuliginosus (Shrank, 1781)§	CAN	–	–	–	–	–	–	–	–	–	QC	NB	NS	–	–	–	–	
Genus *Tethida* Ross, 1937																		
T. barda (Say, 1836)	CAN	–	–	–	–	–	–	SK	MB	ON	QC	NB	–	*NS*	–	–	–	Goulet 1987
Genus *Tomostethus* Konow, 1886																		
T. multicinctus (Rohwer, 1909)	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
Genus *Waldheimia* Brullé, 1846																		
W. carbonaria (Cresson, 1880)	CAN	–	–	–	–	–	–	SK	–	ON	QC	–	–	*NS*	–	–	–	Goulet 1987
W. vitis (T.W. Harris, 1832)	**CAN**	–	–	–	–	–	–	–	–	**ON**	–	–	–	–	–	–	–	
SUBFAMILY HETERARTHRINAE																		
Nearctic Revision – Smith 1971b																		
Genus *Caliroa* Costa, 1859																		
C. annulipes (Klug, 1816)§	CAN	–	–	–	–	**BC**	–	–	–	*ON*	–	–	–	–	–	–	–	Smith 1979a
C. cerasi (Linnaeus, 1758)§	CAN	–	–	–	–	BC	–	–	–	ON	QC	–	–	–	–	–	–	
C. dionae Smith & Moisan-De Serres, 2017	*CAN*	–	–	–	–	–	–	–	–	–	*QC*	–	–	–	–	–	–	Smith and Moisan-De Serres 2017
C. distincta D.R. Smith, 1971	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
C. fasciata (Norton, 1864)	CAN	–	–	–	–	–	–	–	–	ON	**QC**	–	–	–	–	–	–	
C. hyalina D.R. Smith, 1971	**CAN**	–	–	–	–	–	–	–	–	–	–	**NB**	–	–	–	–	–	
C. labrata MacGillivray, 1909	CAN	–	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–	–	
C. liturata MacGillivray, 1909	**CAN**	–	–	–	–	–	–	–	–	–	–	**NB**	–	–	–	–	–	
C. lobata MacGillivray, 1909	CAN	–	–	–	–	**BC**	–	–	–	**ON**	**QC**	–	–	*NS*	–	–	–	Goulet 1987
C. lorata MacGillivray, 1909	**CAN**	–	–	–	–	–	–	–	–	**ON**	–	–	–	–	–	–	–	
C. lunata MacGillivray, 1909	CAN	–	–	–	–	–	–	–	–	**ON**	–	–	–	*NS*	–	*NF**	–	Goulet 1987; Smith 1979a
C. obsoleta (Norton, 1867)	CAN	–	–	–	–	–	**AB**	–	–	ON	*QC*	**NB**	–	–	–	–	–	Raizenne 1957
C. petiolata D.R. Smith, 1971	**CAN**	–	–	–	–	–	–	–	–	**ON**	–	–	–	–	–	–	–	
C. quercuscoccineae (Dyar, 1894)	**CAN**	–	–	–	–	–	–	–	–	**ON**	**QC**	–	–	–	–	–	–	
Genus *Endelomyia* Ashmead, 1898																		
E. aethiops (Gmelin, 1790)§	CAN	–	–	–	–	BC	–	–	–	**ON**	**QC**	**NB**	–	NS	–	**NF**	–	
Genus *Fenella* Westwood, 1839																		
F. nigrita Westwood, 1839	CAN	–	–	–	–	**BC**	–	–	–	ON	–	–	–	**NS**	–	–	–	
Genus *Fenusa* Leach, 1817																		
Subgenus *Fenusa* Leach, 1817																		
F. dohrnii (Tischbein, 1846)§	CAN	–	–	–	–	BC	AB	*SK*	–	ON	–	*NB*	–	*NS*	–	*NF*	–	Smith 1971b
F. pumila Leach, 1817§ Note: not seen in many urban areas in last 30 years.	CAN	*AK*	–	*NT*	–	**BC**	AB	*SK*	–	ON	QC	NB	**PE**	NS	–	NF	–	Snyder et al. 2007; Digweed and Langor 2004; Digweed et al. 2009
Subgenus *Kaliofenusa* Viereck, 1910																		
F. ulmi Sundevall, 1847§	CAN	–	–	–	–	*BC*	–	–	–	ON	QC	–	**PE**	**NS**	–	–	–	Looney et al. 2016

Genus *Fenusella* Enslin, 1912																	
Note: some species limits in *Fenusella* are unclear. *Fenusella wuestneii* (Konow) has previously been recorded from the far north of North America (Smith 1979a: QC to AK), but is likely not the same as *F. wuestneii* in Europe because in Europe this is a more southern species on a southern host. More study is required to determine if far northern Nearctic specimens of *Fenusella* are *F. alaskana*, *F. septentrionalis* (Koch) or *F. wuestneii*.																	
F. alaskana Kincaid, 1900	*CAN*	*AK*	–	–	–	*BC*	–	–	–	–	–	–	–	–	–	–	Kincaid 1900; Smith 1971b
F. hortulana (Klug, 1818) §	**CAN**	–	–	–	–	–	–	–	–	–	–	–	–	**NS**	–	–	–	
F. leucostoma (Rohwer, 1910)	CAN	AK	–	–	–	–	*AB*	**SK**	–	–	**QC**	*NB*	–	–	–	–	–	Smith 1971b
F. nana (Klug, 1816) §	CAN	–	–	–	–	*BC*	–	–	–	ON	QC	*NB*	*PE*	*NS*	–	*NF*	–	Digweed et al. 2009
F. populifoliella (Townsend, 1893)	CAN	–	–	–	–	–	**AB**	–	*MB*	ON	–	NB	–	–	–	–	–	Smith 1979a
Genus *Heterarthrus* Stephens, 1835																	
H. nemoratus (Fallén, 1808) §	CAN	*AK*	–	*NT*	–	BC	*AB*	*SK*	–	ON	QC	NB	–	NS	–	NF	–	AK-Snyder et al. 2007; NT, AB, SK-Digweed et al. 2009
H. vagans (Fallén, 1808) §	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
Genus *Metallus* Forbes, 1885																	
Distribution and biology of Nearctic species – Eiseman and Smith (2017)																	
M. capitalis (Norton, 1867)	CAN	*AK*	–	–	–	BC	**AB**	–	**MB**	ON	QC	*NB*	–	NS	–	NF	–	AK-Smith 1979a; AB-BIOUG; NB-Smith 1971b
M. lanceolatus (Thomson, 1870) §	CAN	–	–	–	–	BC	–	–	–	ON	QC	–	–	*NS*	–	–	–	Hoebeke and Wheeler 2005
M. rohweri MacGillivray, 1909	CAN	–	–	–	–	–	–	–	–	ON	**QC**	*NB*	–	NS	–	–	–	Eiseman and Smith 2017
Genus *Nefusa* Ross, 1951																	
N. ambigua (Norton, 1867)	CAN	–	–	–	–	–	**AB**	–	–	**ON**	QC	–	–	*NS*	–	–	–	AB-BIOUG; Goulet 1987
Genus *Profenusa* MacGillivray, 1914																	
P. alumna (MacGillivray, 1923)	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
P. canadensis (Marlatt, 1895)	CAN	–	–	–	–	–	AB	–	–	ON	QC	**NB**	–	–	–	–	–	
P. lucifex (Ross, 1936)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
P. thomsoni (Konow, 1886) §	CAN	*AK*	*YT*	*NT*	–	*BC*	*AB*	*SK*	MB	ON	QC	*NB*	–	*NS*	–	*NF*	–	AK-Digweed et al. 1997; YT, NT, BC, AB, SK, NB, NS; NF-Digweed et al. 2009
Genus *Scolioneura* Konow, 1890																	
S. vaccinii D.R. Smith & Eiseman, 2015	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
S. vicina Konow, 1894 §	CAN	–	–	–	–	–	AB	–	–	ON	–	–	*PE*	–	–	*NF*	–	Digweed et al. 2009
Genus *Setabara* Ross, 1951																	
S. histrionica (MacGillivray, 1909)	**CAN**	–	–	–	–	**BC**	–	–	**MB**	–	–	–	–	–	–	–	–	
SUBFAMILY NEMATINAE																	
Genus *Anoplonyx* Marlatt, 1896																	
Key to Nearctic larvae – Wong 1955																	
A. canadensis Harrington, 1902	CAN	–	*YT*	–	–	*BC*	–	SK	MB	ON	QC	NB	–	–	–	NF	–	Smith 1979a
A. laricivorus (Rohwer & Middleton, 1932)	CAN	–	–	–	–	BC	**AB**	–	–	–	–	–	–	–	–	–	–	
A. luteipes (Cresson, 1880)	CAN	–	*YT*	–	–	*BC*	*AB*	–	**MB**	ON	QC	**NB**	–	–	–	*NF**	–	YT, BC-Smith 1979a; AB, NF-Wong 1955
A. occidens Ross, 1937	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
Genus *Caulocampus* Rohwer, 1912																	
Revision – Smith 1968																	
C. acericaulis (MacGillivray, 1906)	CAN	–	–	–	–	–	–	–	–	ON	**QC**	–	–	**NS**	–	–	–	
C. matthewsi D.R. Smith, 1968	*CAN*	–	–	–	–	–	–	–	–	–	–	–	–	*NS*	–	–	–	Goulet 1987
Genus *Cladius* Illiger, 1807																	
Nearctic revision – Smith 1974b																	
Subgenus *Cladius* Illiger, 1807																	
C. pectinicornis (Geoffroy, 1785) § = *C. difformis* (Panzer, 1799)	CAN	**AK**	**YT**	–	–	BC	–	SK	–	ON	*QC*	–	–	*NS*	–	–	–	AK-UAM; QC, NS-Smith 1974b

Subgenus *Priophorus* Dahlbom, 1835																		
C. betulae (Rohwer, 1922)	CAN	–	–	–	–	–	*AB*	–	MB	ON	QC	–	–	–	–	*NF**	–	Smith 1974b
C. brullei (Dahlbom, 1835) §	CAN	–	–	–	–	BC	*AB*	–	–	ON	QC	NB	–	–	–	–	–	Smith 1980a
C. compressicornis (Fabricius, 1804) §	CAN	AK	YT	–	–	BC	AB	–	MB	ON	QC	–	–	*NS*	–	*NF*	–	Smith 1974b
C. infuscatus (MacGillivray, 1916)	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
Subgenus *Trichiocampus* Hartig, 1837																		
C. grandis (Serville, 1823) §	CAN	–	–	–	–	BC	–	–	–	ON	QC	–	–	**NS**	–	*NF**	–	Smith 1974b
C. gregarius Dyar, 1895	CAN	–	–	–	–	**BC**	–	–	–	ON	**QC**	–	–	–	–	–	–	
C. simplicornis Norton, 1869	CAN	–	–	**NT**	–	–	–	SK	**MB**	ON	QC	NB	–	NS	–	–	–	NT-INHS
Genus *Craterocercus* Rohwer, 1911																		
C. fraternalis (Norton, 1872)	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	**NS**	–	–	–	
Genus *Dineura* Dahlbom, 1835																		
D. militaris (Cresson, 1880) = *Hemichroa amelanchieridis* (Rohwer, 1920)	CAN	*AK*	–	–	–	BC	AB	SK	MB	ON	QC	NB	–	*NS*	–	–	–	Smith 1979a; Goulet 1987
Genus *Euura* Newman, 1837																		
Holarctic distributions of former genus *Amauronematus* – Benson 1962; partial key to Nearctic species of former genus *Pachynematus* – Ross 1945; review of Eastern US species of former genus *Phyllocolpa* – Smith and Fritz 1996; key to Nearctic species of former genus *Pikonema* – Ross 1938; revisions of former genus *Tubpontania*: – Zinovjev and Viberg 1999; Vikberg 2010.																		
Note: Prous et al. 2014 synonymized many genera with *Euura* and did not recognize subgenera.																		
E. abnormis (Holmgren, 1883) = *Amauronematus abnormis* (Holmgren, 1883)	CAN	*AK*	–	–	NU	–	–	–	–	–	–	–	–	–	–	–		MacGillivray 1919
E. acutiserra (Lindqvist, 1949) = *Phyllocolpa acutiserra* (Lindquist, 1949)	*CAN*	–	–	–	–	–	–	–	*MB*	–	–	–	–	–	–	–	–	Benson 1960
E. agama (Rohwer, 1912), **comb. nov.** = *Phyllocolpa agama* (Rohwer, 1912)	**CAN**	–	–	–	–	–	**AB**	–	**MB**	**ON**	**QC**	–	–	–	–	–	–	
E. alaskensis (Rohwer, 1911), **comb. nov.** = *Pikonema alaskensis* (Rohwer, 1911)	CAN	*AK*	–	*NT**	–	BC	AB	SK	MB	ON	QC	NB	–	–	–	*NF*	–	AK, NF-Smith 1979a; NT-Kusch and Cerezke 1991
E. amentorum (Förster, 1854) = *Amauronematus amentorum* (Förster, 1854)	**CAN**	**AK**	**YT**	**NT**	**NU**	–	–	–	**MB**	**ON**	**QC**	–	–	**NS**	–	–	*GL*	AK-USNM; Benson 1962
E. annulata (Gimmerthal, 1834) = *Pachynematus annulatus* (Gimmerthal, 1834)	CAN	AK	*YT*	NT	–	–	–	–	*MB*	–	–	**NB**	–	–	–	–	–	Smith 1979a
E. anolita (Ross, 1951), **comb. nov.** = *Pachynematus anolita* Ross, 1951	**CAN**	–	–	–	–	–	**AB**	–	–	–	–	–	–	–	–	–	–	
E. arctophilae (Benson, 1960), **comb. nov.** = *Tubpontania arctophilae* (Benson, 1960)	CAN	–	–	–	–	–	–	–	MB	–	–	–	–	–	–	–	–	
E. atra (Jurine, 1807) §	CAN	**AK**	–	–	–	–	*AB*	–	–	ON	*QC*	NB	**PE**	–	–	–	–	AK-USNM; Smith 1979a
E. atrata (MacGillivray, 1919) = *Pontania atrata* MacGillivray, 1919	CAN	–	YT	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
E. atriceps (Marlatt, 1896), **comb. nov.** = *Nematus atriceps* (Marlatt, 1896)	*CAN*	*AK*	–	–	–	*BC*	*AB*	–	*MB*	–	–	–	–	–	–	–	–	Poinar and Smith 2003
E. attus (D.R. Smith, 1979), **comb. nov.** = *Nematus attus* D.R. Smith, 1979	*CAN*	–	–	–	–	–	–	–	–	–	*QC*	–	–	–	–	–	–	Smith 1979a
E. aurantiaca (Marlatt, 1896), **comb. nov.** = *Pachynematus aurantiacus* Marlatt, 1896	CAN	–	–	–	–	**BC**	AB	–	*MB*	**ON**	QC	–	–	–	–	–	–	Ross 1945
E. beckettae (Benson, 1960), **comb. nov.** = *Pontania beckettae* Benson, 1960	CAN	–	–	–	–	–	–	–	MB	–	–	–	–	–	–	–	–	
E. borealis (Marlatt, 1892), **comb. nov.** = *Amauronematus borealis* (Marlatt, 1892)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	*GL*	Fox 1892
E. bozemani (Cooley, 1903), **comb. nov.** = *Phyllocolpa bozemani* (Cooley, 1903)	CAN	–	–	–	–	–	AB	*SK*	**MB**	**ON**	–	–	–	–	–	–	–	Smith 1979a; MB-INHS
E. brunnea (Norton, 1864) = *Amauronematus brunneus* (Norton, 1864)	CAN	–	–	–	–	–	–	*SK*	**MB**	–	–	–	–	–	–	–	–	Smith 1979a
E. calais (W.F. Kirby, 1882), **comb. nov.** = *Nematus calais* W.F. Kirby, 1882	CAN	**AK**	–	–	–	–	AB	–	–	ON	QC	**NB**	–	–	–	–	–	AK-USNM

E. chalcea (Marlatt, 1896), **comb. nov.** = *Nematus chalceus* (Marlatt, 1896)	*CAN*	*AK*	–	–	–	*BC*	–	–	–	–	–	–	–	–	–	–	–	Smith 1979a
E. clibrichella (Cameron, 1878) = *Pachynematus clibrichellus* (Cameron, 1878)	**CAN**	AK	**YT**	**NT**	**NU**	–	–	**SK**	**MB**	–	**QC**	–	–	–	–	–	–	
E. clitellata (Serville, 1823) = *Pachynematus clitellatus* (Serville, 1823)	CAN	*AK*	–	–	**NU**	–	**AB**	–	**MB**	**ON**	QC	–	–	–	LB	–	–	Smith 1979a
E. clypeata (Marlatt, 1896), **comb. nov.** = *Pachynematus clypeatus* Marlatt, 1896	*CAN*	–	–	–	–	–	*AB*	–	*MB*	–	–	–	–	–	–	–	–	Smith 1979a
E. coloradensis (Marlatt, 1896), **comb. nov.** = *Nematus coloradensis* (Marlatt, 1896)	*CAN*	–	–	–	–	–	*AB*	–	–	–	–	–	–	–	–	–	–	Smith 1979a
E. completa (MacGillivray, 1919), **comb. nov.** = *Amauronematus completus* MacGillivray, 1919	–	AK	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
E. cooki (Marlatt, 1896), **comb. nov.** = *Amauronematus cooki* Marlatt, 1896	**CAN**	–	–	–	–	–	–	–	–	**ON**	–	–	–	–	–	–	–	
E. corniger (Norton, 1861), **comb. nov.** = *Pachynematus corniger* (Norton, 1861)	CAN	**AK**	–	–	–	**BC**	**AB**	**SK**	MB	ON	QC	NB	PE	NS	LB	*NF*	–	AK-INHS, Smith 1979a
E. cosensii Rohwer, 1915	*CAN*	–	–	–	–	–	–	–	–	*ON*	–	–	–	–	–	–	–	Rohwer 1915
E. crassicornis (Rohwer, 1912), **comb. nov.** = *Phyllocolpa crassicornis* Rohwer, 1912	*CAN*	–	–	–	–	–	–	–	–	*ON*	–	–	–	–	–	–	–	Zinovjev and Smith 1999
E. crassipes (Thomson, 1871) = *Pontania crassipes* (Thomson, 1871)	CAN	*AK*	YT	*NT*	–	–	–	–	*MB*	–	–	–	–	–	–	–	–	Smith 1979a
E. currani (Ross, 1951), **comb. nov.** = *Nematus currani* Ross, 1951	*CAN*	**AK**	–	–	–	*BC*	–	–	–	–	–	–	–	–	–	–	–	AK-USNM; Curran 1926
E. dahlbomi (Thomson, 1871), **comb. nov.** = *Amauronematus dahlbomi* (Thomson, 1871)	**CAN**	–	**YT**	–	–	–	–	–	**MB**	–	–	–	–	–	–	–	–	
E. delicatula (MacGillivray, 1919) = *Pontania arctica* (MacGillivray, 1919)	CAN	*AK*	YT	–	*NU*	–	–	–	*MB*	–	–	–	–	–	–	–	–	AK, NU-MacGillivray 1919; MB-Benson 1960
E. digesta (MacGillivray, 1919), **comb. nov.** = *Amauronematus digestus* MacGillivray, 1919	–	AK	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
E. dimmockii (Cresson, 1880) = *Pikonema dimmockii* (Cresson, 1880)	CAN	–	–	*NT**	–	BC	AB	–	MB	ON	QC	NB	–	NS	–	*NF*	–	Smith 1979a
E. dolichura (Thomson, 1871) = *Pontania dolichura* (Thomson, 1871)	*CAN*	–	–	–	–	–	–	–	*MB*	–	–	–	–	–	–	–	–	Benson 1960
E. dulichus (Wong, 1968), **comb. nov.** = *Amauronematus dulichus* (Wong, 1968)	CAN	**AK**	–	NT	–	–	–	–	–	–	–	–	–	–	–	–	–	
E. effrenata (MacGillivray, 1923), **comb. nov.** = *Nematus effrenatus* (MacGillivray, 1923)	–	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	MacGillivray 1923a
E. egnatia (MacGillivray, 1919), **comb. nov.** = *Amauronematus egnatia* (MacGillivray, 1923)	*CAN*	–	–	–	–	–	*AB*	–	–	–	–	–	–	–	–	–	–	MacGillivray 1923b
E. errata (MacGillivray, 1923), **comb. nov.** = *Nematus erratus* (MacGillivray, 1923)	*CAN*	*AK*	–	–	–	–	–	–	*MB*	–	–	–	–	–	–	–	–	Smith 1979a
E. excavata (Marlatt, 1896), **comb. nov.** = *Phyllocolpa excavata* (Marlatt, 1896)	CAN	*AK*	–	**NT**	–	–	–	–	MB	–	–	–	–	–	–	–	–	Smith 1979a
E. excessa (MacGillivray, 1923), **comb. nov.** = *Nematus excessus* (MacGillivray, 1923)	–	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	MacGillivray 1923a
E. excisa (Thomson, 1863) = *Pachynematus excisus* (Thomson, 1863)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	GL	
E. extensicornis (Norton, 1861) = *Pachynematus extensicornis* (Norton, 1861)	CAN	–	–	–	–	**BC**	*AB*	*SK*	–	ON	**QC**	**NB**	–	–	–	–	–	Ross 1945

E. gregaria (Marlatt, 1896), **comb. nov.** = *Pachynematus gregarius* Marlatt, 1896	CAN	–	–	–	–	–	–	–	–	**ON**	**QC**	–	–	NS	–	–	–	
E. groenlandica (Malaise, 1933) = *Amauronematus groenlandicus* Malaise, 1933	*CAN*	*AK*	–	*NT*	*NU*	–	–	–	–	–	–	–	–	–	–	–	*GL*	Benson 1962
E. hebes (Konow, 1907) = *Amauronematus hebes* Konow, 1907	CAN	–	**YT**	NT	NU	–	–	–	–	–	–	–	–	–	–	–	–	
E. helleni (Lindqvist, 1941) = *Amauronematus helleni* Lindqvist, 1941	CAN	–	–	NT	NU	**BC**	–	–	MB	–	*QC*	–	–	–	–	–	–	Benson 1962
E. histrio (Serville, 1823) = *Amauronematus histrio* (Serville, 1823)	*CAN*	*AK*	–	–	–	–	–	–	*MB*	*ON*	–	–	–	–	–	–	–	AK-Smith 1979a; MB, ON-Benson 1962
E. hoppingi Ross, 1937 = *Pontania hoppingi* (Ross, 1937)	*CAN*	–	–	–	–	*BC*	–	–	–	–	–	–	–	–	–	–	–	Smith 1979a
E. hudsoniimagnus (Dyar, 1895), **comb. nov.** = *Nematus hudsoniimagnus* Dyar, 1895	CAN	*AK*	–	–	–	**BC**	–	–	*MB*	ON	–	**NB**	–	–	–	–	–	Smith 1979a
E. hulteni (Malaise, 1931) = *Amauronematus hulteni* Malaise, 1931	CAN	–	YT	*NT*	NU	–	–	–	*MB*	–	–	–	–	–	–	–	–	Benson 1962
E. indicata (MacGillivray, 1919), **comb. nov.** = *Amauronematus indicatus* MacGillivray, 1919	–	AK	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
E. iridescens (Cresson, 1880), **comb. nov.** = *Nematus iridescens* Cresson, 1880	*CAN*	–	–	–	–	*BC*	–	–	–	–	–	–	–	–	–	–	–	Smith 1979a
E. isolata (Kincaid, 1900), **comb. nov.** = *Amauronematus isolatus* Kincaid, 1900	CAN	*AK*	–	–	*NU*	–	–	–	–	–	–	–	–	–	**LB**	–	–	Kincaid 1900; MacGillivray 1919
E. itelmena (Malaise, 1931) = *Amauronematus itelmena* (Malaise, 1931)	*CAN*	–	–	*NT**	–	–	–	–	*MB*	–	–	–	–	–	–	–	–	Smith 1979a; Benson 1962
E. jugicola (Thomson, 1871) = *Nematus jugicola* Thomson, 1871	*CAN*	–	–	–	–	–	–	–	*MB*	–	–	–	–	–	–	–	–	Smith 1979a
E. kukakiana (Kincaid, 1900), **comb. nov.** = *Pontania kukakiana* Kincaid, 1900	–	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	Kincaid 1900
E. lanatae Malaise, 1921	CAN	–	–	–	–	–	*AB*	–	MB	–	–	–	–	–	–	–	–	Smith 1979a
E. leavitti (Rohwer, 1910), **comb. nov.** = *Phyllocolpa leavitti* (Rohwer, 1910)	*CAN*	–	–	–	–	–	–	–	–	–	*QC*	*NB*	–	–	–	–	–	Smith and Fritz 1996
E. leptocephalus (Thomson, 1863), **comb. nov.** = *Nematus leptocephalus* Thomson, 1863	CAN	–	–	–	–	–	–	–	MB	–	–	–	–	–	–	–	–	
E. leucapsis (Tischbein, 1846) = *Phyllocolpa leucapsis* (Tischbein, 1846)	*CAN*	–	–	–	–	–	*AB*	–	–	–	–	–	–	–	–	–	–	Smith 1979a
E. leucolena (Brischke, 1883) = *Amauronematus leucolenus* (Brischke, 1883)	CAN	*AK*	YT	NT	–	–	*AB*	*SK*	MB	ON	–	–	–	–	–	–	–	Benson 1962
E. limbata (Cresson, 1880), **comb. nov.** = *Nematus limbatus* Cresson, 1880	CAN	–	–	–	–	–	–	SK	–	ON	QC	*NB*	–	–	–	–	–	Smith 1979a
E. lineata (Harrington, 1893), **comb. nov.** = *Amauronematus lineatus* (Harrington, 1893)	CAN	**AK**	–	–	–	–	–	–	–	ON	**QC**	–	–	–	–	–	–	AK-USNM
E. longicauda (Hellén, 1948) = *Amauronematus longicauda* (Hellén, 1948)	CAN	–	–	–	–	BC	–	–	MB	–	–	–	–	–	–	–	–	
E. lucidae (Rohwer, 1912), **comb. nov.** = *Pontania lucidae* Rohwer, 1912	*CAN*	–	–	–	–	–	–	–	–	*ON*	–	–	–	–	–	–	–	Rohwer 1912
E. magus (Marlatt, 1896), **comb. nov.** = *Nematus magus* (Marlatt, 1896)	CAN	–	–	*NT*	*NU*	*BC*	–	–	–	**ON**	QC	NB	–	–	–	–	–	NT, BC-Smith 2004; NU-MacGillivray 1919
E. mariana (Ross, 1929), **comb. nov.** = *Phyllocolpa mariana* (Ross, 1929)	CAN	–	–	–	–	BC	–	–	–	**ON**	–	–	–	–	–	–	–	
E. marlatti (Dyar, 1895), **comb. nov.** = *Nematus marlatti* Dyar, 1895	**CAN**	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**NF**	–	

E. microphyes (Förster, 1854) = *Amauronematus microphyes* (Förster, 1854)	*CAN*	–	–	–	–	–	–	–	–	*ON*	–	–	–	–	–	–	–	Benson 1962
E. moerens (Förster, 1854), **comb. nov.** = *Pachynematus moerens* (Förster, 1854)	*CAN*	*AK*	–	–	–	–	*AB*	–	–	–	–	–	–	–	–	–	–	Smith 1979a
E. montivaga (Marlatt, 1896) = *Pachynematus montivagus* (Marlatt, 1896)	–	**AK**	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	AK-USNM
E. mucronata (Hartig, 1837) = *E. gallae* (Newman, 1837) (see Liston and Prous 2014)	CAN	AK	–	–	–	–	–	–	*MB*	–	–	**NB**	–	–	–	–	–	Benson 1962
E. myrtillifoliae (Benson, 1960), **comb. nov.** = *Pontania myrtillifoliae* Benson, 1960	CAN	–	–	–	–	–	–	–	MB	–	–	–	–	–	–	–	–	
E. neglecta (W.F. Kirby, 1882) = *Amauronematus neglectus* (Kirby, 1882)	CAN	–	YT	NT	–	BC	–	–	MB	ON	QC	–	–	–	–	–	–	
E. nigra Norton, 1867	*CAN*	–	–	–	–	–	–	–	–	–	–	–	–	–	*LB*	–	–	Norton 1867
E. nigrella Rohwer, 1912	*CAN*	–	–	–	–	–	–	–	–	*ON*	–	–	–	–	–	–	–	Rohwer 1912
E. nigrita (Marlatt, 1896), **comb. nov.** = *Phyllocolpa nigrita* (Marlatt, 1896)	**CAN**	–	–	–	–	–	–	–	–	–	**QC**	–	–	–	–	–	–	
E. nigriventris (Holmgren, 1883) = *Nematus nigriventris* Holmgren, 1883	–	AK	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
E. nitidipleuris (Malaise, 1931) = *Amauronematus nitidipleuris* Malaise, 1931	CAN	–	**YT**	–	–	**BC**	–	–	MB	–	–	–	–	–	–	–	*GL*	Benson 1962
E. obducta (Hartig, 1837) = *Pachynematus obductus* (Hartig, 1837)	CAN	–	–	–	–	*BC*	–	–	–	–	QC	–	–	–	–	–	*GL*	Smith 1979a; Vilhelmsen 2015
E. obscuripes (Holmgren, 1883) = *Amauronematus obscuripes* (Holmgren, 1883)	**CAN**	**AK**	–	**NT**	**NU**	–	–	–	–	–	–	–	–	–	–	–	–	
E. oligospila (Förster, 1854) = *Nematus oligospilus* Förster, 1854	CAN	*AK*	**YT**	**NT**	–	BC	*AB*	SK	MB	ON	QC	**NB**	–	–	–	–	–	AK-Smith 1979a; NT-INHS; AB-MacGillivray 1923b
E. ora (Kincaid, 1900) = *Pontania ora* Kincaid, 1900	–	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	Kincaid 1900
E. orbitalis Norton, 1862	**CAN**	–	–	–	–	–	–	–	–	**ON**	–	–	–	–	–	–	–	
E. oregonensis (Marlatt, 1896), **comb. nov.** = *Amauronematus oregonensis* Marlatt, 1896	–	**AK**	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	USNM
E. pallistigmus (Rohwer, 1910)	*CAN*	–	–	–	–	–	–	–	–	–	–	*NB*	–	–	–	–	–	Rohwer 1910
E. parvilabris (Thomson, 1863), **comb. nov.** = *Pachynematus parvilabris* (Thomson, 1863)	CAN	–	–	–	NU	–	–	–	–	–	–	–	–	–	–	–	*GL*	Smith 1979a
E. peninsularis (Kincaid, 1900), **comb. nov.** = *Pontania peninsularis* Kincaid, 1900	–	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	Kincaid 1900
E. pepii (Ross, 1929), **comb. nov.** = *Phyllocolpa pepii* (Ross, 1929)	**CAN**	–	–	–	–	**BC**	–	–	–	–	–	–	–	–	–	–	–	
E. petiolaridis (Rohwer, 1917), **comb. nov.** = *Pontania petiolaridis* Rohwer, 1917	*CAN*	–	–	–	–	–	–	–	–	*ON*	–	–	–	–	–	–	–	Rohwer 1917
E. pinguidorsum (Dyar, 1895), **comb. nov.** = *Nematus pinguidorsum* Dyar, 1895	CAN	–	–	–	–	–	–	*SK*	MB	ON	QC	–	–	–	–	–	–	Wong 1954
E. placenta (Norton, 1867), **comb. nov.** = *Pontania placenta* (Norton, 1867)	CAN	–	–	–	–	–	–	–	–	–	–	–	**PE**	–	*LB*	–	–	Norton 1867
E. pleurica (Norton, 1867), **comb. nov.** = *Pachynematus pleuricus* (Norton, 1867)	**CAN**	**AK**	–	–	–	–	**AB**	**SK**	–	–	–	–	–	–	–	–	–	AK-USNM
E. poecilonota (Zaddach, 1876) = *Nematus poecilonotus* Zaddach, 1876	CAN	*AK*	–	–	–	–	–	*SK*	*MB*	ON	QC	–	–	–	–	–	–	Smith 1979a
E. polaris (Holmgren, 1883) = *Nematus polaris* Holmgren, 1883	CAN	AK	–	NT	–	–	*AB*	–	–	–	–	–	–	–	–	–	–	Smith 1979a
E. popuella (Ross, 1929), **comb. nov.** = *Phyllocolpa popuella* (Ross, 1929)	CAN	–	–	–	–	–	–	–	MB	**ON**	–	**NB**	–	–	–	–	–	

E. populi (Marlatt, 1896), **comb. nov.** = *Tubpontania populi* (Marlatt, 1896)	CAN	–	–	–	–	–	–	–	–	ON	–	**NB**	–	–	–	–	–	
E. pravus (Konow, 1895) = *Nematus pravus* (Konow, 1895)	**CAN**	AK	–	–	–	–	–	–	**MB**	–	–	–	–	–	–	–	–	
E. proxima (Serville, 1823) = *Pontania proxima* (Serville, 1823)	CAN	–	–	–	–	**BC**	–	–	–	ON	**QC**	**NB**	–	–	–	–	–	
E. pumila (Rohwer, 1910), **comb. nov.** = *Tubpontania pumila* (Rohwer, 1910)	*CAN*	–	–	–	–	–	–	–	–	–	–	*NB*	–	–	–	–	–	Rohwer 1910
E. quadrifasciata (MacGillivray, 1919), **comb. nov.** = *Amauronematus quadrifasciatus* (MacGillivray, 1919)	CAN	–	–	NT	–	–	–	–	–	–	–	–	–	–	–	–	–	
E. reticulata (Holmgren, 1883) = *Nematus reticulatus* Holmgren, 1883	CAN	AK	**YT**	NT	*NU*	**BC**	–	–	*MB*	–	**QC**	–	–	–	*LB*	–	–	Benson 1962
E. ribesii (Scopoli, 1763)§ = *Nematus ribesii* (Scopoli, 1763)	CAN	**AK**	–	–	–	BC	–	**SK**	MB	ON	QC	NB	–	**NS**	–	–	–	AK-USNM
E. robusta (Marlatt, 1896), **comb. nov.** = *Phyllocolpa robusta* (Marlatt, 1896)	CAN	–	–	–	–	–	–	–	–	ON	**QC**	–	–	–	–	–	–	
E. rotundidentata (Zinovjev & Vikberg, 1999), **comb. nov.** = *Tubpontania rotundidentata* (Zinovjev & Vikberg, 1999)	*CAN*	–	–	–	–	–	–	–	–	*ON*	*QC*	–	–	–	–	–	–	Zinovjev and Vikberg 1999
E. ruralis (Cresson, 1880), **comb. nov.** = *Pikonema rurale* (Cresson, 1880)	**CAN**	–	–	–	–	**BC**	**AB**	–	–	–	–	–	–	–	–	–	–	
E. sagmarius (Konow, 1895) = *Amauronematus sagmarius* Konow, 1895	CAN	AK	YT	NT	NU	**BC**	*AB*	**SK**	MB	*ON*	–	–	–	–	–	–	–	Benson 1962
E. salicisdesmodioides (Walsh, 1866), **comb. nov.** = *Pontania salicisdesmodioides* (Walsh, 1866)	**CAN**	–	–	–	–	–	–	–	–	**ON**	–	–	–	–	–	–	–	
E. salicisnodus Walsh, 1866	CAN	–	–	–	–	–	–	–	**MB**	ON	–	–	–	–	–	–	–	
E. salicisodoratus (Dyar, 1894), **comb. nov.** = *Nematus salicisodoratus* Dyar, 1894	**CAN**	**AK**	–	–	–	–	–	–	**MB**	**ON**	**QC**	**NB**	–	–	–	–	–	AK, ON-USNM
E. salicispisum (Walsh, 1866), **comb. nov.** = *Pontania salicispisum* (Walsh, 1866)	**CAN**	–	–	–	–	–	–	–	–	**ON**	**QC**	–	–	–	–	–	–	
E. salicispomum (Walsh, 1866), **comb. nov.** = *Pontania salicispomum* (Walsh, 1866)	**CAN**	–	–	–	–	–	–	–	–	**ON**	–	–	–	–	–	–	–	
E. semilactea (Zaddach, 1883) = *Amauronematus semilacteus* (Zaddach, 1883)	CAN	–	**YT**	–	–	BC	–	**SK**	–	–	–	–	–	–	–	–	–	
E. serissimae Rohwer, 1912	*CAN*	–	–	–	–	–	–	–	–	*ON*	–	–	–	–	–	–	–	Rohwer 1912
E. setator (Ross, 1945), **comb. nov.** = *Pachynematus setator* Ross, 1945	**CAN**	–	–	–	–	–	–	–	–	**ON**	–	–	–	–	–	–	–	
E. smithae (Ross, 1945) = *Pachynematus smithae* Ross, 1945	**CAN**	–	–	–	**NU**	–	–	–	–	–	–	–	–	–	–	–	–	
E. spiraeae (Zaddach, 1883)§ = *Nematus spiraeae* Zaddach, 1883	*CAN*	–	–	–	–	–	–	–	–	–	*QC*	–	–	–	–	–	–	Moisan-De Serres and Smith 2017
E. sporax (Ross, 1945), **comb. nov.** = *Pachynematus sporax* Ross, 1945	*CAN*	**AK**	–	–	–	–	–	*SK*	–	–	–	–	–	–	–	–	–	AK-USNM; Ross 1945
E. stenogaster (Förster, 1854) = *Amauronematus stenogaster* (Förster, 1854) = *Amauronematus fallax* auct.	*CAN*	*AK*	*YT*	–	*NU*	*BC*	*AB*	–	*MB*	*ON*	–	–	–	*NS*	–	–	–	Benson 1962
E. stipata (MacGillivray, 1921), **comb. nov.** = *Phyllocolpa stipata* (MacGillivray, 1921)	–	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	MacGillivray 1921
E. stordalensis (Strand, 1905), **comb. nov.** = *Amauronematus stordalensis* (Strand, 1905)	CAN	*AK*	**YT**	–	NU	**BC**	–	–	–	–	–	–	–	–	–	–	–	MacGillivray 1919
E. subatrata (MacGillivray, 1921), **comb. nov.** = *Pontania subatrata* MacGillivray, 1921	–	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	MacGillivray 1921
E. sublorata (MacGillivray, 1921), **comb. nov.** = *Pontania sublorata* MacGillivray, 1921	–	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	MacGillivray 1921

E. subpallida (MacGillivray, 1919), **comb. nov.** = *Nematus subpallidus* (MacGillivray, 1919)	CAN	–	–	–	NU	–	–	–	–	–	–	–	–	–	–	–		
E. sueta (MacGillivray, 1921), **comb. nov.** = *Pontania sueta* MacGillivray, 1921	–	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	MacGillivray 1921
E. superba (Provancher, 1885), **comb. nov.** = *Nematus superbus* (Provancher, 1885)	*CAN*	–	–	–	–	–	–	–	–	–	*QC*	–	–	–	–	–	–	Smith 1975b
E. tibialis (Newman, 1837) = *Nematus tibialis* Newman, 1837	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
E. tillbergi (Malaise, 1921) = *Amauronematus tillbergi* Malaise, 1921	CAN	AK	–	–	NU	**BC**	–	–	–	–	–	–	–	–	–	–	–	
E. trifasciata (MacGillivray, 1919), **comb. nov.** = *Amauronematus trifasciatus* (MacGillivray, 1919)	CAN	–	–	–	NU	–	–	–	–	–	–	–	–	–	–	–	–	
E. tundra (Kincaid, 1900), **comb. nov.** = *Phyllocolpa tundra* (Kincaid, 1900)	*CAN*	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	Smith 1979a
E. uvator (Ross, 1945), **comb. nov.** = *Pachynematus uvator* Ross, 1945	CAN	–	–	–	–	*BC*	–	**SK**	–	–	–	–	–	–	–	–	–	Ross 1945; INHS
E. vaga (Fabricius, 1781) = *Pachynematus vagus* (Fabricius, 1781)	CAN	–	–	–	–	–	*AB*	–	MB	*ON*	–	–	–	–	–	–	–	Smith 1979a
E. vancouverensis (Marlatt, 1896), **comb. nov.** = *Nematus vancouverensis* (Marlatt, 1896)	*CAN*	*AK*	–	–	–	*BC*	–	–	–	–	–	–	–	–	–	–	–	Smith 1979a; Marlatt 1896
E. variator (Ruthe, 1859) = *Amauronematus variator* (Ruthe, 1859)	CAN	AK	YT	NT	NU	**BC**	–	–	MB	–	–	–	–	–	**LB**	–	–	
E. ventosa (MacGillivray, 1923), **comb. nov.** = *Amauronematus ventosus* MacGillivray, 1923	–	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	MacGillivray 1923a
E. ventralis (Say, 1824) = *Nematus ventralis* Say, 1824	CAN	–	–	–	–	**BC**	AB	SK	MB	ON	*QC*	–	–	–	–	–	–	Smith 1979a
E. vicina (Serville, 1823) = *Nematus vicinus* Serville, 1823 = *Nematus crassus* (Fallén, 1808)	*CAN*	–	–	*NT*	–	–	–	–	–	–	–	–	–	–	–	–	–	Benson 1962
E. viduata (Zetterstedt, 1838) = *Amauronematus viduatus* (Zetterstedt, 1838)	CAN	–	–	–	–	–	–	SK	–	ON	–	–	–	–	–	–	–	
E. villosa (Thomson, 1863) = *Nematus villosus* Thomson, 1863	*CAN*	–	–	–	*NU*	–	–	–	–	–	–	–	–	–	–	–	–	Smith 2008
E. whitneyi (Rohwer, 1920), **comb. nov.** = *Amauronematus whitneyi* Rohwer, 1920	–	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	Rohwer 1920
E. wrangeli (Marlatt, 1896), **comb. nov.** = *Nematus wrangeli* (Marlatt, 1896)	–	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	Marlatt 1896
E. xantha (Rohwer, 1909), **comb. nov.** = *Amauronematus xanthus* Rohwer, 1909	**CAN**	–	–	**NT**	–	–	–	**SK**	–	–	**QC**	–	–	–	–	–	–	
E. zebratus (Kincaid, 1900), **comb. nov.** = *Nematus zebratus* (Kincaid, 1900)	–	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	Kincaid 1900
Genus *Fallocampus* Wong, 1977 Key to Nearctic species (as *Platycampus*) – Smith 1976b																		
F. albostigmus (Rohwer, 1908)	CAN	AK	–	NT	–	BC	*AB*	SK	*MB*	ON	–	–	–	*NS*	–	–	–	Smith 1976b; Wong 1977; Smith 1979a
F. americanus (Marlatt, 1896)	CAN	*AK*	–	–	–	–	*AB*	–	–	ON	*QC*	NB	–	–	–	–	–	Smith 1976b
Genus *Hemichroa* Stephens, 1835 Holarctic revision – Smith 1975a																		
H. crocea (Geoffroy, 1785)	CAN	*AK*	–	NT	–	BC	–	–	*MB*	ON	QC	NB	PE	–	–	*NF*	–	Smith 1975a
Genus *Hoplocampa* Hartig, 1837 Nearctic revision – Ross 1943c																		
H. alpestris Rohwer, 1911	*CAN*	–	–	–	–	*BC*	*AB*	–	–	–	–	–	–	–	–	–	–	Ross 1943c

H. bioculata Rohwer, 1908	CAN	–	–	–	–	BC	**AB**	–	–	–	–	–	–	–	–	–	–	
H. brevis (Klug, 1816) §	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
H. cookei (Clarke, 1906)	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	INHS
H. halcyon (Norton, 1861)	CAN	–	–	–	–	**BC**	*AB*	**SK**	MB	ON	QC	**NB**	–	*NS*	–	–	–	Smith 1979a; Goulet 1987
H. lacteipennis Rohwer, 1910	CAN	–	–	–	–	–	*AB*	**SK**	MB	**ON**	QC	–	–	–	–	–	–	Ross 1943c
H. marlatti Rohwer, 1911	CAN	–	–	–	–	–	*AB*	–	MB	–	–	**NB**	–	**NS**	–	–	–	Smith 1979a
H. montanicola Rohwer, 1911	CAN	–	–	–	–	*BC*	AB	SK	MB	ON	**QC**	–	–	–	–	–	–	Ross 1943c
H. neneti Ross, 1943	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
H. pallipes MacGillivray, 1893	CAN	–	–	–	–	BC	*AB*	–	–	–	–	–	–	–	–	–	–	Ross 1943c
H. spala Ross, 1943	*CAN*	–	–	–	–	*BC*	–	–	–	–	–	–	–	–	–	–	–	Ross 1943c
H. stricklandi Ross, 1943	CAN	–	–	–	–	–	AB	–	–	–	–	–	–	–	–	–	–	
H. testudinea (Klug, 1816) §	CAN	–	–	–	–	BC	–	–	–	*ON*	QC	–	–	*NS*	–	–	–	Vincent et al. 2013; Burgart et al. 2016
Note: apparently eradicated in BC (Vincent et al. 2019)																		
Genus *Kerita* Ross, 1937																		
Nearctic revision of Pseudodineurini – Smith 1976c																		
K. atira D.R. Smith, 1976	CAN	–	–	–	–	–	AB	–	–	–	–	–	–	–	–	–	–	
Genus *Nematinus* Rohwer, 1911																		
Nearctic revision – Smith 1986b																		
N. acuminatus (Thomson, 1871) = *N. pontanioides* (Marlatt, 1896)	CAN	AK	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
N. ochreatus (Rohwer, 1910)	CAN	–	–	–	–	BC	**AB**	–	–	ON	–	NB	–	–	–	–	–	
N. parsebenus D.R. Smith, 1986	CAN	–	–	–	–	–	–	–	–	–	QC	–	–	NS	–	–	–	
N. unicolor (Dyar, 1895)	CAN	–	–	–	–	BC	–	*SK*	*MB*	ON	QC	–	–	NS	–	*NF*	–	SK, MB-Wong 1954; NF-Smith 1979a
Genus *Nematus* Panzer, 1801																		
Note: Prous et al. 2014 synonymized several genera with *Nematus*, did not recognize subgenera, and moved some species to *Euura*.																		
Nearctic revision of former genus *Craesus* (= *Croesus*) – Smith 1972; Nearctic revision of former subgenus *N.* (*Nematus*) (most species) – Smith 2008																		
N. abbotii (W.F. Kirby, 1882)	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
N. alniastri (Scharfenberg, 1805)· **comb. nov.**§	*CAN*	–	–	–	–	–	–	–	–	–	*QC*	–	–	*NS*	–	–	–	Smith 1972; Buckle 1930
= *Craesus alniastri* (Scharfenberg, 1805)																		
N. castaneae (Rohwer, 1915), **comb. nov.**	**CAN**	–	–	–	–	–	–	–	–	**ON**	–	–	–	–	–	–	–	
= *Craesus castaneae* Rohwer, 1915																		
N. erythrogaster Norton, 1864	CAN	–	–	–	–	–	–	–	**MB**	ON	QC	**NB**	–	–	–	–	–	
N. laticulus (Norton, 1869)	*CAN*	–	–	–	–	–	–	–	–	*ON*	–	–	–	–	–	–	–	Smith 2008
N. latifasciatus Cresson, 1880	CAN	–	–	–	–	*BC*	–	–	–	ON	QC	*NB*	–	–	–	–	–	Smith 2008
N. latitarsus (Norton, 1862), **comb. nov.**	CAN	*AK*	–	–	–	BC	**AB**	SK	MB	ON	QC	NB	–	NS	–	**NF**	–	Smith 1972
= *Craesus latitarsus* Norton, 1862																		
N. nigristigma (Provancher, 1885)	*CAN*	–	–	–	–	–	–	–	–	–	*QC*	–	–	–	–	–	–	Smith 1975b
Note: type mostly destroyed, therefore generic identity relative to Prous et al. 2014 unclear (D. Smith, pers. comm.)																		
N. tertius D.R. Smith, 2008	*CAN*	–	–	–	–	–	*AB*	–	–	*ON*	*QC*	*NB*	–	–	–	–	–	Smith 2008
N. umbratus Thomson, 1871	*CAN*	–	–	–	–	–	–	–	–	*ON*	*QC*	–	–	–	–	–	–	Smith 1979a
N. wahlbergi Thomson, 1871§	**CAN**	–	–	–	–	–	–	–	–	**ON**	–	–	–	–	–	–	–	BIOUG
Genus *Pristiphora* Latreille, 1810																		
Note: Prous et al. 2014 synonymized several genera with *Pristiphora* and did not recognize subgenera.																		
Descriptions of some Nearctic species –Wong and Ross 1960; Distributions and new combinations of species previously in Pristolini – Smith and Dolan 2016; European revision including synonymies and newly recorded Holarctic species – Prous et al. 2017.																		
P. abbreviata (Hartig, 1837)	CAN	–	–	–	–	BC	–	–	–	ON	–	–	–	–	–	–	–	
P. acidovalva Wong, 1969	CAN	–	–	–	–	BC	–	SK	MB	ON	QC	NB	–	–	–	–	–	
P. aphanta Wong & Ross, 1960	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
P. appendiculata (Hartig, 1837)	CAN	–	–	–	–	BC	AB	SK	MB	ON	QC	–	–	NS	–	NF	–	
P. banksi Marlatt, 1896	**CAN**	–	–	–	–	–	–	–	–	–	**QC**	–	–	–	–	–	–	
P. bivittata (Norton, 1861)	CAN	–	–	–	–	BC	–	SK	MB	ON	QC	NB	PE	**NS**	–	–	–	
P. borea (Konow, 1904)	CAN	AK	YT	NT	**NU**	BC	AB	SK	MB	ON	QC	–	–	–	LB	–	–	
P. breadalbanensis (Cameron, 1882)	CAN	AK	YT	NT	**NU**	BC	AB	**SK**	MB	–	QC	–	–	–	–	–	–	
P. cadma Wong & Ross, 1960	CAN	*AK*	–	–	–	BC	–	SK	–	ON	**QC**	–	–	–	–	–	–	Smith 1979a
P. chlorea (Norton, 1867)	CAN	–	–	–	–	–	–	**SK**	MB	ON	QC	NB	–	–	–	–	–	
P. cincta Newman, 1837	CAN	AK	**YT**	NT	NU	BC	AB	–	MB	ON	QC	NB	–	NS	LB	NF	–	
P. coactula (Ruthe, 1859)	CAN	AK	YT	NT	**NU**	BC	AB	**SK**	MB	–	QC	–	–	–	LB	NF	–	

P. elaphita Wong & Ross, 1960	CAN	–	–	–	–	BC	AB	SK	–	–	–	–	–	–	–	–	–	
P. erichsonii (Hartig, 1837) [§]	CAN	*AK*	**YT**	*NT*	–	BC	AB	SK	MB	ON	QC	NB	*PE*	*NS*	LB	NF	–	AK-Richmond et al. 1995; NT, PE, NS-Ives and Muldrew 1984
Note: introduced, but also naturally Holarctic (see Wong 1974)																		
P. ferruginosa (Wong, 1968)	CAN	AK	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
= *Melastola ferruginosa* Wong, 1968																		
P. frigida (Boheman, 1865)	CAN	AK	YT	NT	**NU**	–	AB	–	–	–	–	–	–	–	–	–	–	
= *P. gelida* Wong, 1968																		
P. geniculata (Hartig, 1840) [§]	CAN	–	–	–	–	**BC**	–	–	–	ON	QC	**NB**	**PE**	**NS**	–	NF	–	BIOUG
P. groenblomi (Lindqvist, 1952)	–	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	Smith 1979a
P. hucksena Wong & Ross, 1960	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
P. insularis Rohwer, 1910	CAN	*AK*	–	–	–	**BC**	**AB**	–	–	–	–	–	–	–	–	–	–	Smith 1979a
P. labradoris (Norton, 1867)	CAN	–	YT	NT	–	–	*AB*	–	MB	ON	–	–	–	–	LB	–	–	Smith 1979a
P. lata (Cresson, 1880)	CAN	–	–	–	–	BC	–	SK	–	–	QC	–	–	–	–	–	–	
P. lativentris (Thomson, 1871)	*CAN*	*AK*	–	*NT*	–	–	–	–	*MB*	–	–	–	–	–	–	–	–	Smith 1979a
P. leechi Wong & Ross, 1960	CAN	–	–	–	–	BC	**AB**	–	–	–	–	–	–	–	–	–	–	
P. lena Kincaid, 1900	CAN	*AK*	**YT**	*NT**	–	BC	AB	SK	MB	ON	QC	NB	NS	–	LB	NF	–	Smith 1979a
P. litura (Klug, 1816)	CAN	–	–	–	–	–	–	–	–	**ON**	QC	NB	–	–	–	–	–	
= *Neopareophora litura* (Klug, 1816)																		
P. macnabi (Ross, 1945)	CAN	*AK*	–	–	–	BC	*AB*	–	*MB*	–	**QC**	–	–	–	LB	–	–	AK-Smith and Dolan 2016; AB, MB-Wong 1968
= *Pristola macnabi* Ross, 1945																		
P. maura Rohwer, 1908	CAN	AK	**YT**	NT	–	–	AB	–	MB	–	QC	–	–	–	–	–	–	
P. melanocarpa (Hartig, 1840)	CAN	AK	YT	NT	**NU**	–	–	–	MB	–	QC	–	–	–	–	–	–	
P. micronematica Malaise, 1931	CAN	–	–	*NT*	–	–	–	–	*MB*	–	**QC**	–	–	–	–	–	–	Smith 1979a
P. mollis (Hartig, 1837)	CAN	AK	YT	NT	**NU**	**BC**	**AB**	–	MB	ON	QC	**NB**	–	–	LB	–	–	
P. nigra Marlatt, 1896	**CAN**	–	–	–	–	**BC**	–	–	–	–	–	–	–	–	–	–	–	
P. pallidiventris (Fallén, 1808)	CAN	*AK*	–	–	–	BC	AB	–	MB	ON	QC	*NB*	–	–	LB	–	–	Smith 1979a; Rohwer 1910
P. parbeta Wong & Ross, 1960	CAN	*AK*	–	–	–	–	–	–	MB	**ON**	–	–	–	–	–	–	–	Smith 1979a
P. pseudocoactula (Lindqvist, 1952)	*CAN*	–	–	–	–	–	–	–	*MB*	–	–	–	–	–	–	–	–	Smith 1979a
P. punctifrons (Thomson, 1871)	*CAN*	–	–	–	–	*BC*	–	*SK*	–	–	*QC*	–	–	–	–	–	–	Prous et al. 2017
P. relativa Norton, 1867	*CAN*	–	–	*NT**	–	–	–	–	–	–	–	–	–	–	–	–	–	Smith 1979a
P. resinicolor (Marlatt, 1896)	–	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	Smith 1979a
= *Melastola resinicolor* (Marlatt, 1896)																		
P. reuteri (Lindqvist, 1960)	*CAN*	–	–	–	–	–	–	–	*MB*	–	–	–	–	–	–	–	–	Smith 1979a
P. rufipes Serville, 1823 [§]	CAN	–	–	–	–	*BC*	*AB*	–	–	ON	QC	–	–	–	–	*NF**	–	BC, NF-Smith 1979a; AB-Smith 1980a
P. serrula Wong & Ross, 1960	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
P. siskiyouensis Marlatt, 1896	CAN	AK	YT	NT	**NU**	BC	*AB*	SK	MB	ON	QC	–	–	NS	**LB**	NF	–	Smith 1980a
P. staudingeri (Ruthe, 1859)	CAN	AK	YT	NT	NU	BC	AB	–	MB	ON	QC	–	–	–	*LB*	–	–	Smith 1979a
P. subbifida (Thomson, 1871) [§]	*CAN*	–	–	–	–	–	–	–	–	*ON*	–	–	–	–	–	–	–	Smith et al. 2018
P. sycophanta Walsh, 1866	CAN	AK	YT	NT	NU	BC	AB	SK	MB	ON	QC	–	–	–	LB	–	–	
Genus *Pseudodineura* Konow, 1885																		
Nearctic revision of Pseudodineurini – Smith 1976c																		
P. fuscula (Klug, 1816) [§]	**CAN**	–	–	–	–	–	–	–	–	**ON**	–	–	–	–	–	–	–	
P. kasatochi D.R. Smith, 2010	–	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	Smith et al. 2010
P. lehosa D.R. Smith, 1976	*CAN*	*AK*	–	–	–	*BC*	–	–	–	–	–	–	–	–	–	–	–	Smith 1976c
P. parva (Norton, 1867)	CAN	–	–	–	–	–	*AB*	–	**MB**	**ON**	–	–	–	**NS**	–	–	–	Smith 1976c
Genus *Susana* Rohwer & Middleton, 1932																		
Review – Smith 2006b																		
S. fuscala Wong & Milliron, 1972	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
SUBFAMILY SELANDRIINAE																		
Nearctic revision – Smith 1969b																		
Genus *Adelesta* Ross, 1937																		
A. nova (Norton, 1867)	CAN	–	–	–	–	–	–	–	–	**ON**	QC	*NB*	–	NS	–	–	–	Smith 1969b
Genus *Aneugmenus* Hartig, 1837																		
A. flavipes (Norton, 1861)	CAN	–	–	–	–	–	–	–	*MB*	ON	QC	NB	–	NS	–	NF	–	Ross 1930
A. padi (Linnaeus, 1760) [§]	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
Genus *Birka* Malaise, 1944																		
B. nordica D.R. Smith, 1969	CAN	AK	YT	–	–	BC	AB	–	MB	–	–	–	–	–	–	–	–	

Genus *Brachythops* Curtis, 1939																		
B. flavens (Klug, 1816)	CAN	*AK*	–	NT	–	–	AB	SK	MB	–	QC	–	–	–	LB	–	–	Smith 1969b
B. wuestneii (Konow, 1885)	CAN	*AK*	YT	NT	–	–	*AB*	**SK**	MB	–	QC	–	–	–	**LB**	–	–	Smith 1969b
Genus *Dolerus* Panzer, 1801																		
Nearctic revision – Goulet 1986																		
Subgenus *Achaetoprion* Goulet, 1986																		
D. abdominalis (Norton, 1861)	*CAN*	–	–	–	–	–	–	–	–	*ON*	–	–	–	–	–	–	–	Goulet 1986
D. abstrusus Goulet, 1986	CAN	–	–	–	–	–	–	–	–	ON	**QC**	NB	–	**NS**	LB	–	–	
D. agcistus MacGillivray, 1908	CAN	–	–	–	–	–	AB	SK	*MB*	*ON*	*QC*	–	–	–	–	–	–	MB-Ross 1931; ON, QC- Goulet 1986
D. beauvoisi D.R. Smith, 2009	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
D. decussatus Goulet, 1986	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
D. eurybis Ross, 1931	CAN	–	–	–	–	–	AB	SK	MB	ON	QC	NB	–	–	–	–	–	
D. lesticus MacGillivray, 1914	CAN	–	–	–	–	–	–	–	*MB*	ON	QC	–	–	–	–	–	–	Ross 1931
D. maculicollis (Norton, 1861)	CAN	–	–	NT	–	–	AB	SK	MB	ON	QC	NB	–	NS	LB	–	–	
D. mimus Goulet, 1986	CAN	–	–	–	–	–	**AB**	SK	–	ON	QC	–	–	–	–	–	–	
D. moramus Ross, 1931	CAN	–	–	–	–	–	–	SK	–	ON	QC	–	–	–	–	–	–	
D. nativus MacGillivray, 1923	CAN	–	–	NT*	–	BC	AB	SK	MB	ON	QC	–	–	–	LB	–		
D. neoagcistus MacGillivray, 1923	CAN	–	–	–	–	–	–	–	MB	ON	QC	*NB*	–	–	–	–	–	Goulet 1986
D. nigrilabris Ross, 1931	CAN	–	–	–	–	–	AB	–	–	–	–	–	–	–	–	–	–	
D. nortoni Ross, 1931	CAN	–	–	–	–	–	–	–	MB	ON	QC	NB	–	NS	–	–	–	
D. rossi Goulet, 1986	CAN	–	–	–	–	–	–	*SK*	–	ON	QC	NB	–	–	–	–	–	Goulet 1986
D. sayi Goulet, 1986	CAN	–	–	–	–	–	–	SK	MB	ON	QC	NB	–	–	–	–	–	
Subgenus *Dicrodolerus* Goulet, 1986																		
D. apricus (Norton, 1861)	CAN	AK	–	NT	–	BC	AB	SK	MB	ON	QC	NB	–	–	–	NF	–	
D. nauticus MacGillivray, 1923	CAN	*AK*	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
Subgenus *Dolerus* Panzer, 1801																		
D. aeneiceps Goulet, 1986	CAN	–	–	NT	–	BC	AB	–	–	–	–	–	–	–	–	–	–	
D. aprilis (Norton, 1861)	CAN	**AK**	*YT*	NT	**NU**	BC	AB	SK	MB	ON	QC	*NB*	–	**NS**	**LB**	*NF*	–	
D. apriloides MacGillivray, 1908	CAN	–	–	NT	–	–	AB	SK	*MB*	ON	QC	–	–	–	–	–	–	
D. elderi Kincaid, 1900	CAN	AK	YT	NT	NU	BC	AB	SK	MB	ON	QC	–	–	NS	LB	NF	–	
D. incisus Goulet, 1986	CAN	–	*YT*	NT	–	–	AB	–	–	–	–	–	–	–	–	–	–	
D. nasutus MacGillivray, 1923	CAN	–	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–	–	
D. nimbosus MacGillivray, 1923	CAN	–	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–	–	
D. similis (Norton, 1861)	CAN	–	–	*NT*	*NU*	**BC**	AB	SK	MB	ON	QC	*NB*	–	–	–	–	–	
D. tibialis Cresson, 1880	CAN	AK	YT	NT	–	BC	AB	SK	MB	ON	QC	NB	**PE**	NS	LB	NF	–	
D. yukonensis Norton, 1872	CAN	AK	YT	NT	*NU*	BC	AB	SK	MB	ON	QC	*NB*	–	NS	LB	*NF*	–	
Subgenus *Equidolerus* Taeger & Blank, 1996																		
D. frisoni Ross, 1931	CAN	–	–	–	–	–	*AB*	–	MB	ON	QC	–	–	–	–	–	–	
Note: Records by Smith (1979a) of *D. pratensis* (Linnaeus) from AB and MB are *D. frisoni* (Goulet 1986). *D. pratensis* is only Palearctic.																		
D. gessneri André, 1880	CAN	AK	YT	NT	–	–	AB	–	–	ON	QC	–	–	–	LB	–	–	
D. konowi MacGillivray, 1914	CAN	AK	YT	NT	–	BC	AB	–	–	*ON*	*QC*	–	–	–	–	–	–	
D. subfasciatus F. Smith, 1874	CAN	AK	YT	NT	–	BC	AB	SK	MB	ON	QC	NB	–	NS	**LB**	*NF*	–	
Subgenus *Loderus* Konow, 1890																		
D. gilvipes (Klug, 1818)	CAN	AK	YT	NT	–	BC	AB	SK	MB	ON	QC	–	–	**NS**	–	*NF*	–	
Subgenus *Neodolerus* Konow, 1890																		
D. centralis Ross, 1931	**CAN**	–	–	–	–	–	–	–	–	**ON**	**QC**	–	–	–	–	–	–	
D. columbianus Goulet, 1986	CAN	–	–	–	–	BC	*AB*	–	–	–	–	–	–	–	–	–	–	Goulet 1986
D. fulgens Goulet, 1986	CAN	–	–	–	–	–	–	–	–	**ON**	QC	–	–	–	–	–	–	
D. hebes Goulet, 1986	CAN	–	–	–	–	–	AB	–	–	*ON*	–	–	–	NS	–	–	–	Goulet 1986
D. neosericeus MacGillivray, 1908	CAN	–	–	–	–	–	–	SK	–	ON	QC	NB	–	**NS**	–	–	–	
D. parasericeus MacGillivray, 1908	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
D. polysericeus MacGillivray, 1908	CAN	–	–	–	–	–	–	–	–	–	QC	–	–	–	–	–	–	
D. sericeus Say, 1824	CAN	–	–	–	–	*BC*	*AB*	–	–	ON	QC	–	–	–	–	–	–	Goulet 1986; Smith 1980a
Subgenus *Oncodolerus* Goulet, 1986																		
D. acidus (MacGillivray, 1923)	CAN	–	–	NT	–	BC	AB	–	MB	ON	QC	*NB*	–	–	–	–	–	Goulet 1986
Subgenus *Poodolerus* Zhelochovtsev, 1988																		
D. asper Zaddach, 1859	CAN	AK	–	NT	–	**BC**	–	SK	MB	ON	QC	–	–	–	*LB*	–	–	Goulet 1986
D. borealis MacGillivray, 1893	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
D. illini Ross, 1931	CAN	–	–	–	–	**BC**	AB	–	**MB**	ON	QC	NB	–	–	–	–	–	
D. neocollaris MacGillivray, 1908	CAN	–	–	NT	–	–	*AB*	SK	MB	ON	QC	NB	–	–	–	–	–	Smith 1980a
D. nitens Zaddach, 1859 §	CAN	–	–	–	–	**BC**	–	–	–	ON	QC	–	PE	–	–	NF	–	
D. nocuus MacGillivray, 1923	CAN	AK	YT	–	–	BC	AB	–	–	–	–	–	–	–	–	–	–	

D. rufilobus Ross, 1931	CAN	–	–	–	–	–	–	SK	*MB*	ON	–	–	–	–	–	–	–	Goulet 1986
D. unicolor (Palisot de Beauvois, 1809)	CAN	–	–	–	–	–	–	–	*MB*	ON	QC	NB	–	*NS*	–	–	–	Goulet 1986
Genus *Heptamelus* Haliday, 1855																		
Taxonomy and biology of *H. dahlbomi* (Thomson, 1870) versus *H. ochroleucus* (Stephens, 1835) – Vikberg and Liston 2009																		
H. dahlbomi (Thomson, 1870) §	CAN	–	–	–	–	BC	–	–	–	–	**QC**	–	–	–	–	–	–	
Genus *Nesoselandria* Rohwer, 1910																		
N. morio (Fabricius, 1781) §	CAN	–	–	–	–	BC	–	–	–	ON	QC	–	–	–	–	–	–	
Genus *Strongylogaster* Dahlbom, 1835																		
Nearctic revision – Smith 1969b																		
S. distans Norton, 1868	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
S. impressata Provancher, 1878	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	–	NS	**LB**	–	–	
S. lata D.R. Smith & Naito, 1995	**CAN**	–	–	–	–	–	–	–	–	**ON**	–	–	–	–	–	–	–	
S. macula (Klug, 1817) §	CAN	–	–	–	–	BC	–	–	–	ON	**QC**	–	–	*NS*	–	–	–	Goulet 1987
S. multicincta Norton, 1862	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	–	NS	–	–	–	
S. polita Cresson, 1880	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	NS	–	–	–	
S. remota Rohwer, 1912	CAN	–	–	–	–	–	–	–	–	**ON**	QC	–	–	*NS*	–	–	–	Goulet 1987
S. rufigastra (Kincaid, 1900)	CAN	*AK*	–	–	–	BC	–	–	–	–	–	–	–	NS	–	**NF**	–	Smith 1969b
S. soriculatipes Cresson, 1880	CAN	–	–	–	–	–	–	–	**MB**	ON	QC	NB	–	*NS*	–	–	–	Goulet 1987
S. tacita (Norton, 1860)	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	–	*NS*	–	–	–	Goulet 1987
S. tibialis Cresson, 1880	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
Genus *Thrinax* Konow, 1885																		
Nearctic revision – Smith 1966 as *Hemitaxonus*																		
T. albidopicta (Norton, 1868)	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	–	NS	–	**NF**	–	
T. dubitata (Norton, 1862)	CAN	–	–	–	–	–	–	–	**MB**	ON	QC	NB	–	NS	–	–	–	
T. multicinctus (Hall, 1918)	CAN	–	–	–	–	–	–	–	–	ON	**QC**	–	–	–	–	–	–	
T. primaria (D.R. Smith, 1966)	*CAN*	–	–	–	–	*BC*	–	–	–	–	–	–	–	–	–	–	–	Smith 1966
SUBFAMILY TENTHREDININAE																		
Note: Smith and Gibson (1984) stated that *Filacus doanei* (Rohwer) has CNC specimens labelled "Victoria, B.C.". They doubted they were labeled correctly since all other specimens are from Mexico to California. Genus and species omitted pending additional specimens from Canada.																		
Genus *Aglaostigma* Kirby, 1882																		
Nearctic revision – Ross 1943a																		
A. jocosum (Provancher, 1882)	CAN	–	–	–	–	–	–	–	MB	**ON**	QC	–	–	NS	–	–	–	
A. quattuordecimpunctatum (Norton, 1862)	CAN	–	–	–	–	–	–	–	–	ON	QC	**NB**	–	NS	–	–	–	
A. rubens (Cresson, 1880)	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
A. semiluteum (Norton, 1862)	CAN	–	–	–	–	–	–	–	–	ON	*QC*	**NB**	**PE**	NS	–	–	–	Smith 1979a
Genus *Lagium* Konow, 1904																		
Review – Smith 1986a																		
L. atroviolaceum (Norton, 1860)	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	–	–	–	–	–	
Genus *Leucopelmonus* MacGillivray, 1916																		
L. annulicornis (Harrington, 1893)	CAN	–	–	–	–	–	–	–	–	ON	QC	**NB**	–	NS	–	NF	–	
Genus *Macrophya* Dahlbom, 1835																		
Nearctic revision – Gibson 1980																		
M. alba MacGillivray, 1895	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
M. albomaculata (Norton, 1860)	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	–	–	–	–	–	
M. amediata Gibson, 1980	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	**NS**	–	–	–	NS-INHS
M. bifasciata (Say, 1823)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	NS	–	–	–	
M. cassandra Kirby, 1882	CAN	–	–	–	–	–	–	–	MB	ON	QC	–	–	NS	–	–	–	
M. epinota (Say, 1836)	CAN	–	–	–	–	–	–	–	–	ON	QC	*NB*	–	*NS*	–	–	–	Gibson 1980
M. festana Ross, 1931	CAN	–	–	–	–	–	–	–	MB	ON	*QC*	–	–	–	–	–	–	Gibson 1980
M. flavicoxae (Norton, 1860)	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	–	*NS*	–	–	–	Gibson 1980
M. flavolineata (Norton, 1860)	CAN	–	–	–	–	–	–	–	*MB*	ON	QC	NB	–	*NS*	–	–	–	Gibson 1980
M. flicta MacGillivray, 1920	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	–	NS	–	–	–	
M. formosa (Klug, 1817)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	*NS*	–	–	–	Gibson 1980
M. fuliginea Norton, 1867	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
M. fumator Norton, 1867	CAN	–	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–	–	
M. goniphora (Say, 1836)	*CAN*	–	–	–	–	–	–	–	–	*ON*	–	–	–	–	–	–	–	Gibson 1980
M. intermedia (Norton, 1860)	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
M. lineatana Rohwer, 1912	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	*NS*	–	–	–	Gibson 1980
M. macgillivrayi Gibson, 1980	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
M. maculilabris Konow, 1899	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
M. mensa Gibson, 1980	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
M. mixta MacGillivray, 1895	CAN	–	–	–	–	–	–	–	MB	ON	QC	*NB*	PE	NS	–	–	–	Gibson 1980
M. nigra (Norton, 1860)	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	PE	NS	–	–	–	

M. oregona Cresson, 1880	CAN	*AK*	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	Gibson 1980
M. pannosa (Say, 1836)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	*NS*	–	–	–	Gibson 1980
M. propinqua Harrington, 1889	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
M. pulchella (Klug, 1817)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
M. punctata MacGillivray, 1895	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
M. punctumalbum (Linnaeus, 1767)[§]	CAN	–	–	–	–	BC	–	–	–	ON	QC	–	–	**NS**	–	–	–	
M. senacca Gibson, 1980	CAN	–	–	–	–	–	–	–	MB	ON	QC	–	–	*NS*	–	–	–	Gibson 1980
M. serratalineata Gibson, 1980	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
M. simillima Rohwer, 1917	CAN	–	–	–	–	–	–	–	MB	–	–	–	–	–	–	–	–	
M. succincta Cresson, 1880	CAN	–	–	–	–	–	AB	SK	MB	ON	QC	–	–	**NS**	–	–	–	
M. tibiator Norton, 1864	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
M. trisyllaba (Norton, 1860)	CAN	–	–	–	–	BC	AB	SK	MB	ON	QC	NB	PE	NS	**LB**	NF	–	
M. varia (Norton, 1860)	CAN	–	–	–	–	BC	AB	SK	MB	ON	QC	NB	PE	NS	–	–	–	
M. zoe Kirby, 1882	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
Genus *Pachyprotasis* Hartig, 1837																		
P. rapae (Linnaeus, 1767)	CAN	AK	YT	NT	–	BC	AB	SK	MB	ON	QC	NB	–	NS	LB	NF	–	
Genus *Rhogogaster* Konow, 1884																		
Nearctic revision – Ross 1943b																		
R. addenda (Cresson, 1880)	CAN	–	–	–	–	BC	**AB**	–	–	–	–	–	–	–	–	–	–	
R. californica (Norton, 1862)	CAN	AK	YT	NT	–	BC	AB	SK	MB	ON	QC	**NB**	–	–	–	–	–	
R. lateraria (Cresson, 1880)	CAN	–	–	–	–	BC	*AB*	–	–	–	–	–	–	–	–	–	–	Ross 1943b
R. viridis (Linnaeus, 1758)	CAN	AK	YT	NT	–	BC	AB	SK	MB	**ON**	**QC**	–	–	–	–	–	–	
Genus *Tenthredo* Linnaeus, 1758																		
Nearctic revisions of *T. arcuata* species group, *T. verticalis* and *prosopa* groups – Goulet 1996, 2020																		
T. alaskana (Enslin, 1910)	–	AK	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
T. alienata Rohwer, 1912	CAN	–	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–	–	
T. angulifera (Norton, 1860)	CAN	–	–	–	–	–	–	–	MB	ON	QC	NB	PE	NS	–	–	–	NB-USNM; NS-INHS
T. anomocerus Rohwer, 1912	CAN	–	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–	–	BC-CUIC
T. appalachia Goulet & D.R. Smith, 1995	*CAN*	–	–	–	–	–	–	–	–	–	*QC*	–	–	–	–	–	–	Goulet and Smith 1995
T. arctica (Thomson, 1870)	**CAN**	AK	–	**NT**	–	–	–	–	–	–	–	–	–	–	–	–	–	
T. atra Linnaeus, 1758	**CAN**	**AK**	**YT**	–	–	**BC**	**AB**	–	–	**ON**	–	–	–	**NS**	**LB**	–	–	
T. auraria Konow, 1899	**CAN**	AK	**YT**	**NT**	–	**BC**	**AB**	**SK**	**MB**	**ON**	**QC**	–	–	–	**LB**	**NF**	–	
T. basilaris Say, 1824	CAN	–	–	–	–	–	AB	SK	MB	ON	QC	NB	**PE**	NS	–	–	–	
T. cascadensis Goulet, 1996	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
T. cinctitibiis Norton, 1869	CAN	–	**YT**	**NT**	–	–	*AB*	–	MB	ON	QC	–	–	–	**LB**	**NF**	–	Smith 1979a
T. colon Klug, 1817	CAN	*AK*	YT	NT	–	BC	AB	SK	MB	ON	QC	*NB*	–	–	LB	**NF**	–	Smith 1979a
T. coloradensis Rowher, 1912	CAN	–	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–	–	
T. comox Goulet, 1996	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
T. cordillera Goulet, 1996	CAN	AK	YT	–	–	BC	AB	–	–	–	–	–	–	–	–	–	–	AK-CAS
T. devia (Konow, 1900)	CAN	AK	YT	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	ON-ROM
T. discrepans Norton, 1868	*CAN*	–	–	–	–	–	–	–	–	*ON*	–	–	–	–	–	–	–	Norton 1868
T. dissimilis (Norton, 1860)	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
T. diversiceps Rohwer, 1910	CAN	–	**YT**	–	–	–	**AB**	–	–	–	–	*NB*	–	–	**LB**	–	–	Smith 1979a
T. elegantula (Cresson, 1880)	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
T. erythromera Provancher, 1885	CAN	*AK*	–	–	–	BC	AB	–	–	–	*QC*	–	–	–	–	–	–	Smith 1979a
T. eximia Norton, 1868	CAN	–	**YT**	**NT**	–	**BC**	AB	SK	MB	ON	QC	**NB**	–	**NS**	**LB**	–	–	
T. fawnae Goulet, 2020	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
T. fernaldii MacGillivray, 1900	CAN	–	–	–	–	–	–	–	–	ON	**QC**	**NB**	–	–	–	–	–	
T. ferrugineipes Cresson, 1880	CAN	*AK*	–	–	–	BC	**AB**	–	–	–	–	–	–	–	–	–	–	Smith 1979a
T. flaviocciput Goulet, 2020	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
T. fraternalis (Ross, 1931)	CAN	–	**YT**	**NT**	–	BC	AB	–	**MB**	–	**QC**	–	–	–	**LB**	–	–	
T. grandis (Norton, 1860)	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	–	**NS**	–	–	–	
T. juga Konow, 1908	–	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	Konow 1908
T. lacticincta Cresson, 1880	**CAN**	–	–	–	–	**BC**	–	–	–	–	–	–	–	–	–	–	–	
T. leoni Goulet, 2020	CAN	–	–	–	–	–	–	–	–	–	QC	NB	PE	NS	–	–	–	QC-QMOR
= *T. cingulatus* Provancher, 1878																		
T. leucostoma (Kirby, 1837)	CAN	AK	–	**NT**	–	–	AB	–	MB	ON	QC	**NB**	–	NS	–	–	–	
T. lobata (Norton, 1860)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
T. macgillivrayi (Smulyan, 1915)	CAN	–	–	–	–	–	*AB*	–	MB	ON	QC	NB	**PE**	**NS**	–	–	–	Smith 1979a
T. maculosa (Smulyan, 1915)	CAN	–	–	–	–	–	–	–	MB	ON	QC	–	–	–	–	–	–	
= *T. mantha* Ross, 1951																		
T. magnata MacGillivray, 1897	**CAN**	–	–	–	–	**BC**	–	–	–	–	–	–	–	–	–	–	–	

T. masneri Goulet & D.R. Smith, 1995	CAN	–	–	–	–	–	–	–	–	*ON*	QC	–	–	*NS*	–	–	–	Goulet and Smith 1995
T. maxima (Norton, 1867)	CAN	–	YT	–	–	BC	AB	–	–	–	–	–	–	–	–	–	–	
T. mellicoxa Provancher, 1878	CAN	–	–	–	–	–	–	–	–	ON	**QC**	–	–	*NS*	–	–	–	Goulet 1987
T. mellina (Norton, 1860)	CAN	–	–	–	–	–	–	–	MB	ON	QC	NB	PE	–	–	–	–	
T. micheleae Goulet, 2020	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
T. nigritarsalis Goulet, 2020	CAN	–	–	–	–	–	–	–	MB	ON	QC	–	–	–	–	–	–	
T. nigritibialis MacGillivray, 1897	**CAN**	–	–	–	–	**BC**	**AB**	–	–	–	–	–	–	–	–	–	–	
T. nordica Goulet, 2020	CAN	–	–	–	–	–	AB	SK	MB	ON	–	–	–	–	–	–	–	AB-UASM
= *T. bella* Cresson, 1880																		
T. nova MacGillivray, 1897	CAN	–	–	–	–	–	AB	SK	–	ON	QC	–	–	–	–	–	–	AB-INHS
T. occidentalis Cresson, 1880	**CAN**	–	–	–	–	**BC**	**AB**	–	–	–	–	–	–	–	–	–	–	
T. olivacea Klug, 1817	CAN	AK	YT	**NT**	–	**BC**	**AB**	–	–	–	–	–	–	–	–	–	–	
T. opima Cresson, 1880	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
T. originalis (Norton, 1867)	CAN	–	YT	NT	–	BC	–	–	–	–	QC	–	–	–	LB	NF	–	YT-QMOR; BC-EMUS
T. paraverticalis Goulet, 2020	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
T. perplexa MacGillivray, 1897	–	*AK*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	Konow 1908
T. piceocincta (Norton, 1860)	CAN	–	–	–	–	BC	AB	SK	MB	ON	**QC**	**NB**	**PE**	**NS**	–	–	–	NS-FSCA
Note: previous records from AK (as *T. harrimani* Kincaid) are omitted until species group is revised.																		
T. pleuralis Cresson, 1865	**CAN**	**AK**	**YT**	**NT**	–	**BC**	**AB**	**SK**	**MB**	**ON**	**QC**	–	–	–	–	**NF**	–	
T. remea MacGillivray, 1923	**CAN**	–	–	–	–	**BC**	–	–	–	–	–	–	–	–	–	–	–	
T. rhammisia MacGillivray, 1923	*CAN*	–	–	–	–	*BC*	–	–	–	–	–	–	–	–	–	–	–	Smith 1979a
T. ruficollis Harrington, 1894	CAN	AK	–	–	–	BC	**AB**	–	–	–	–	–	–	–	–	–	–	
T. rufiscutum Goulet, 2020	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	–	NS	–	–	–	
T. rufopectus (Norton, 1860)	CAN	–	–	–	–	–	**AB**	**SK**	**MB**	**ON**	**QC**	NB	**PE**	**NS**	–	**NF**	–	
T. rurigena MacGillivray, 1923	CAN	–	–	–	–	–	**AB**	**SK**	**MB**	ON	QC	NB	**PE**	NS	–	**NF**	–	
T. rutila MacGillivray, 1923	CAN	–	–	–	–	–	AB	**SK**	**MB**	ON	–	–	–	–	–	–	–	
T. secunda MacGillivray, 1897	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	PE	NS	–	–	–	
T. signata (Norton, 1860)	**CAN**	–	–	–	–	**BC**	**AB**	–	–	**ON**	**QC**	**NB**	–	**NS**	–	**NF**	–	
T. stricklandi (Ross, 1931)	CAN	*AK*	–	–	–	BC	AB	–	–	–	–	–	–	–	–	–	–	Smith 1979a
T. subcoerulea Eschscholtz, 1822	–	AK	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	AK-USNM
Note: species misinterpreted. True *T. subcoerulea* only from AK																		
T. subrufescens Kirby, 1882	CAN	–	–	–	–	–	**AB**	**SK**	**MB**	ON	**QC**	–	–	**NS**	–	**NF**	–	
T. taegeri Goulet, 1996	CAN	–	YT	–	–	BC	AB	–	–	–	–	–	–	–	–	–	–	
T. titusi Rohwer, 1909	**CAN**	–	–	–	–	**BC**	–	–	–	–	–	–	–	–	–	–	–	
T. transversolinea Goulet, 2020	CAN	–	–	–	–	–	–	–	–	–	QC	–	–	–	–	–	–	
= *T. rubripes* MacGillivray, 1900																		
T. ungava Goulet, 1996	CAN	AK	YT	NT	NU	BC	AB	–	MB	ON	QC	–	–	–	LB	–	–	
T. varians Norton, 1868	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	PE	NS	**LB**	NF	–	
T. varipicta Norton, 1868	CAN	*AK*	–	–	–	**BC**	AB	–	–	–	–	–	–	–	–	–	–	Smith 1979a
T. vellosa Ross, 1951	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
T. verticalis Say, 1824	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	PE	NS	–	–	–	
T. xantha Norton, 1864	CAN	AK	YT	**NT**	–	BC	AB	–	–	–	–	–	–	–	–	–	–	
T. yuasi MacGillivray, 1920	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
Genus *Zaschizonyx* Ashmead, 1898																		
Z. montana (Cresson, 1865)	CAN	–	–	–	–	BC	AB	SK	MB	ON	QC	–	–	–	–	–	–	
SUPERFAMILY XYELOIDEA																		
FAMILY XYELIDAE																		
Key to Nearctic genera – Ross 1932																		
SUBFAMILY MACROXYELINAE																		
Genus *Macroxyela* Kirby, 1882																		
Nearctic revision – Smith and Schiff 1998																		
M. ferruginea (Say, 1824)	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
Genus *Megaxyela* Ashmead, 1898																		
Nearctic revision – Smith and Schiff 1998																		
M. aviingrata (Dyar, 1898)	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
M. tricolor (Norton, 1862)	CAN	–	–	–	–	–	–	–	–	ON	–	–	–	–	–	–	–	
Genus *Xyelecia* Ross, 1932																		
X. nearctica Ross, 1932	**CAN**	–	–	–	–	**BC**	–	–	–	–	–	–	–	–	–	–	–	
SUBFAMILY XYELINAE																		
Genus *Pleroneura* Konow, 1897																		
Nearctic revision – Smith 1977																		
P. aldrichi Ross, 1932	**CAN**	–	–	–	–	–	–	–	–	–	**QC**	–	–	–	–	–	–	

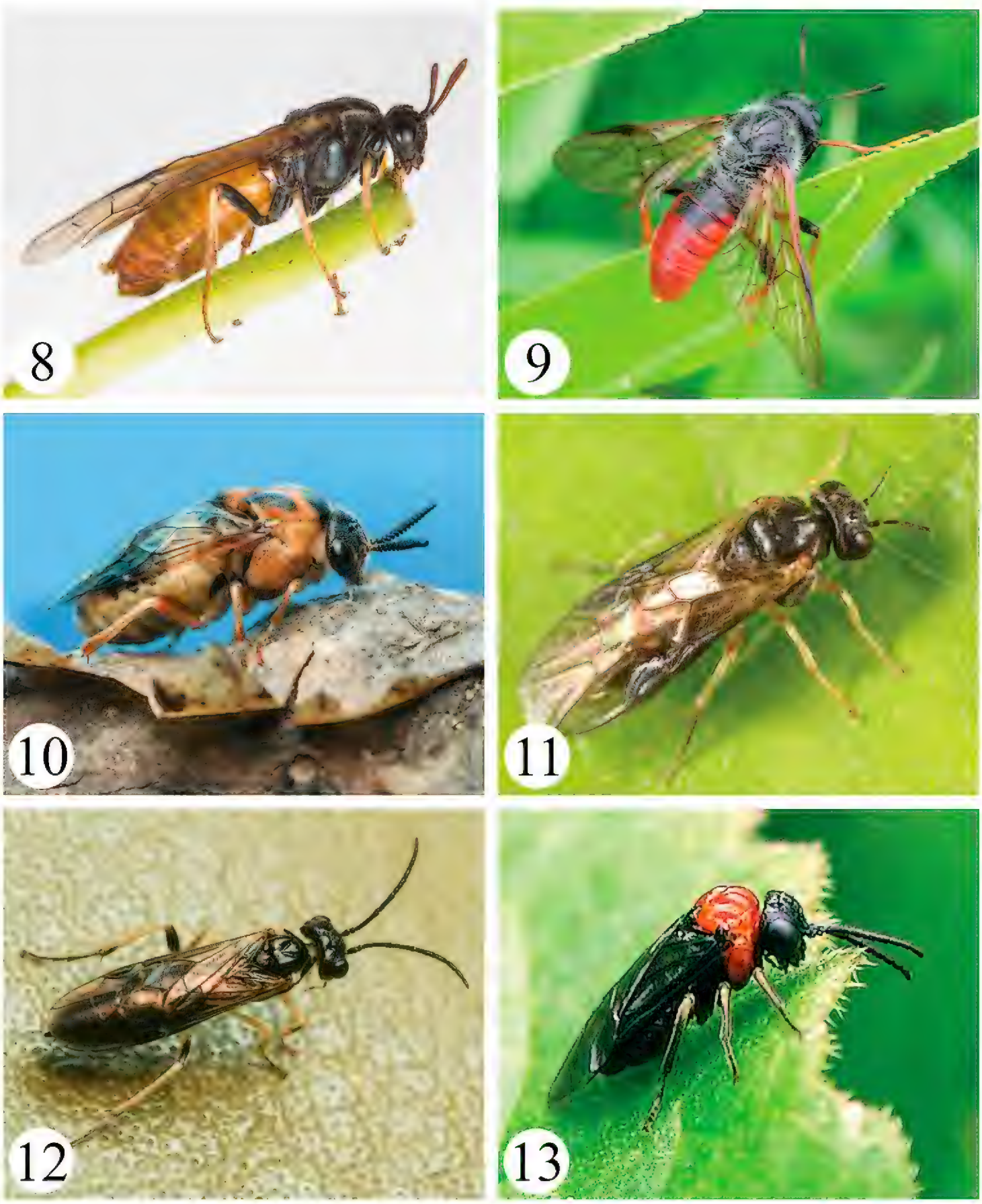
P. brunneicornis Rohwer, 1910	CAN	–	–	–	–	–	–	–	–	ON	QC	NB	–	NS	–	–	–	
P. californica (Ashmead, 1898)	CAN	–	–	–	–	BC	*AB*	–	–	–	–	–	–	–	–	–	–	Smith 1979a
Genus *Xyela* Dalman, 1819																		
Nearctic revision – Burdick 1961																		
X. alberta (Curran, 1923)	CAN	–	**YT**	–	–	**BC**	AB	–	–	–	–	–	–	–	–	–	–	
X. alpigena (Strobl, 1895)	CAN	–	–	–	–	–	–	–	–	ON	QC	–	–	–	–	–	–	
X. bakeri Konow, 1898	CAN	AK	YT	NT	–	BC	AB	SK	–	ON	QC	–	–	–	–	–	–	
X. cheloma Burdick, 1961	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
X. julii Brébisson, 1818	**CAN**	–	–	–	–	–	**AB**	–	–	**ON**	–	–	–	–	–	–	–	BIOUG-AB, ON
Status relative to *X. obscura* (Strobl) currently under investigation																		
X. linsleyi Burdick, 1961	CAN	–	–	–	–	BC	–	–	–	–	–	–	–	–	–	–	–	
X. middlekauffi Burdick, 1961	CAN	–	–	–	–	–	–	–	–	ON	*QC*	–	–	–	–	–	–	Burdick 1961
X. minor Norton, 1869	CAN	–	**YT**	**NT**	–	*BC*	AB	–	–	ON	QC	–	–	–	–	–	–	Smith 1979a
X. pini Rohwer, 1913	CAN	–	**YT**	NT	–	BC	AB	–	–	ON	QC	–	–	NS	–	*NF*	–	Smith 1979a

Hemisphere sawfly surveys include Liston et al. (2014) for Britain and Ireland (539 species in 313,100 km^2 = one species per 580.9 km^2), Naito et al. (2020) for Japan (875 species in 377,915 km^2 = one species per 431.9 km^2) and Macek et al. (2020) for the Czech and Slovak Republics (750 species in 127,901 = one species per 170.5 km^2). Because of the great differences in the geographic size of these three surveys compared to northern Northern America, it is difficult to make comparisons. A more appropriate comparison of sawfly species diversity between northern North America and a Palaearctic country is provided by Sundukov (2017) who recorded 1546 species in Russia (surface area 17.1 million km^2), which equals an average of one sawfly species per 11,060 km^2. In summary, surveys of smaller areas generally have greater density of sawfly species recorded (except for northern North America compared to Russia), and there is a higher density of sawfly species recorded in all of the Palaearctic surveys compared to the northern Nearctic. The lower species richness of sawflies recorded from the northern Nearctic compared to the Palaearctic is likely an effect of lower sampling in the Nearctic. The western Palaearctic is certainly the best sampled region of the world for most groups of organisms, including sawflies. In conjunction with greater sampling, there has been more study of sawflies in Europe compared to northern North America, especially the hyperdiverse Nematinae. For example, *Pristiphora* Latreille has 221 described species (Taeger et al. 2018) of which about 120 are known from Europe (Prous et al. 2017). Haris (2006) treated the European species relatively recently and provided a key for 155 Palaearctic species, and Prous et al. (2017) revised 90 species from Scandinavia and neighbouring regions. In contrast, *Pristiphora* has only 55 described species in the entire Nearctic region (24.7 million km^2) (Taeger et al. 2018) and has never been completely revised for the region, although unpublished work by H.R. Wong indicates that many undescribed Nearctic species exist and a revision of the genus for the region is currently in progress (S. Monckton, pers. comm.).

In contrast to Canada, the number of species of sawflies in Alaska and Greenland is far lower, with 183 species in 48 genera in 8 families from Alaska and 7 described species in 1 genus (*Euura*) from Greenland (Tables 1, 2). Smith (1979a) recorded 136 species of sawflies from Alaska, meaning that the current survey has increased the number by 34.6%. The number of described species recorded from Alaska has some degree of uncer-

Figures 2–7. Sawfly adults **2** *Syntexis libocedrii* (Anaxyelidae), Oregon, USA (photo by N. Schiff) **3** *Phyl-loecus trimaculatus* (Cephidae), Joliette, QC, Canada **4** *Orussus occidentalis* (Orussidae), Ottawa, ON, Canada **5** *Acantholyda erythrocephala* (Pamphiliidae), Ottawa, ON, Canada **6** *Tremex columba* (Siricidae), Lake Manitou, ON, Canada **7** *Xiphydria abdominalis* (Xiphydriidae), Ottawa, ON, Canada.

tainty for several reasons. First, there are four species of *Tenthredo* Linnaeus that have been omitted because of unpublished research by the senior author that indicates that they are junior synonyms. The species are: *Tenthredo bivittata* Kincaid, *T. harrimani* Kincaid, *T. retroversa* MacGillivray and *T. rusticula* MacGillivray. It is noted here that several other



Figures 8–13. Sawfly adults **8** *Arge* sp. (Argidae), Ottawa, ON, Canada **9** *Trichiosoma triangulum* (Cimbicidae), Matagami, QC, Canada **10** *Diprion similis* (Diprionidae), Lake Manitou, ON, Canada **11** *Acordulecera dorsalis* (Pergidae), Antrim, New Jersey, USA (photo by T. Murray) **12** *Ametastegia pallipes* (Tenthredinidae: Allantinae), Manitoulin Island, ON, Canada **13** *Eutomostethus ephippium* (Tenthredinidae: Blennocampinae), Ottawa, ON, Canada.

species of *Tenthredo* recorded from Canada are also of questionable validity or uncertain status and so are omitted from the checklist as well, pending further study. These are: *T. mutans* Norton, *T. nigricostata* Provancher, *T. pallicola* MacGillivray, *T. pectoralis* Norton, *T. redimacula* MacGillivray, *T. tricolor* (Norton) and *T. varians* Norton. Second, it is likely

Figures 14–19. Sawfly adults **14** *Metallus capitalis* (Tenthredinidae: Heterarthrinae), Driftwood Prov. Park, ON, Canada **15** *Cladius pallipes*, Manitoulin Island, ON, Canada **16** *Dolerus* (*Achaetoprion*) sp. (Tenthredinidae: Selandriinae), Manitoulin Island, ON, Canada **17** *Lagium atroviolaceum* (Tenthredinidae: Tenthredininae) feeding on aphids (Hemiptera: Aphididae), Gore Bay, ON, Canada **18** *Tenthredo pleuralis* (Tenthredinidae: Tenthredininae), St. Anthony, NF, Canada **19** *Macroxyela ferruginea* (Xyelidae), Maryland, USA (photo by S. Schulmeister).

that some of the 20 species of *Euura* listed only from Alaska are invalid; however, these species are included in the checklist since we currently have no evidence of their invalid status. Third, the number of species of *Neodiprion* Rohwer in Alaska is likely higher than

Figures 20–26. Sawfly larvae **20** *Cimbex americanus* (Cimbicidae) Lake Manitou, ON, Canada **21** *Nematus* (= *Craesus*) *latitarsus* (Tenthredinidae: Nematinae), Vancouver, BC, Canada **22** *Dimorphopteryx* sp. (Tenthredinidae: Allantinae) Driftwood Prov. Park, ON, Canada **23** *Eriocampa ovata* (Tenthredinidae: Allantinae) St. Andrew's, NF, Canada **24** *Neodiprion nanulus* (Diprionidae) Ottawa, ON, Canada **25** *Eupareophora parca* (Tenthredinidae: Blennocampinae) Ottawa, ON, Canada **26** *Macremphytus testaceus* (Tenthredinidae: Allantinae) Ottawa, ON, Canada.

the two listed in Table 2: *N. abietis* (Harris) and *N. tsugae* Middleton, but confirmation of the identity of other species was not possible prior to submission of the manuscript.

The summary of the entomofauna of Greenland (Vilhelmsen 2015) included records from three genera of Tenthredinidae; however, one of these (*Ametastegia* Costa) was only recorded at genus level and therefore is not included in the current list, and the other two (*Amauronematus* Konow and *Pachynematus* Konow) are now both synonyms of *Euura*. Vilhelmsen (2015) recorded five species (not including *Ametastegia* sp.) and noted three more recorded by Henriksen (1939) that could not be substantiated by specimens. Of these three, we include *Euura* (=*Amauronematus*) *borealis* (Marlatt) in our list based on the male holotype at the Academy of Natural Sciences, Philadelphia (Fox 1892). We omit the other two – *Cladius grandis* (Serville) and *Euura* (=*Amauronematus*) *viduata* (Zetterstedt) pending discovery of supporting specimens. We do include one additional species, not included in Vilhelmsen (2015): *Euura* (=*Pachynematus*) *parvilabris* (Thomson) based on the record in Smith (1979a). Apart from being recorded from Greenland, the latter species is the northernmost sawfly collected in the world (from Ward Hunt Island, Nunavut, Canada: 83°05'N) (Benson 1962).

Fourteen species have been reported from Saint Pierre and Miquelon (Gargominy et al. 2020) as follows: Pamphiliidae: *Onycholyda luteicornis* (Norton); Siricidae: *Urocerus albicornis* (Fabricius), *U. flavicornis* (Fabricius); Cimbicidae: *Abia fasciata* (Linnaeus); Diprionidae: *Neodiprion abietis*; Tenthredinidae: *Allantus cinctus* (Linnaeus), *Caliroa cerasi* (Linnaeus), *Cladius simplicornis* Norton, *Dolerus nitens* Zaddach, *Euura ribesii* (Scopoli), *Pachyprotasis rapae* (Linnaeus), *Pristiphora erichsonii* (Hartig), *P. geniculata* (Hartig) and *Tenthredo piceocincta* (Norton). It is noted that the record of *Urocerus flavicornis* was listed in the TAXREF online database as *U. gigas* (Linnaeus), without noting subspecies. North American specimens previously identified as *U. gigas flavicornis* are now considered a distinct species (Schiff et al. 2012). It is possible that specimens from Saint Pierre and Miquelon belong to *U. gigas gigas* but this is currently considered to occur in the Palaearctic region only. Despite not being able to examine specimens from Saint Pierre and Miquelon, all records are credible. All of these species are known from the island of Newfoundland except *Caliroa cerasi* (recorded from QC) and *Euura ribesii* and *Cladius simplicornis* (both recorded from NS). Considering that 94 species of sawflies are known from the island of Newfoundland (Table 1), more species are expected to occur in the collectivity.

In terms of species richness of sawflies by distributional area, the political region in our checklist with the highest recorded number of species of sawflies is Ontario (471: 62.1% of 758 species), followed by Quebec (411: 54.2%) and British Columbia (308, 40.6%) (Fig. 1 and Table 1). The greater relative species richness in these areas is certainly strongly influenced by higher sampling effort compared to more northern or central regions. Despite this southern bias, sawflies are well-represented in northern regions, at least in the northwest (Alaska, Yukon Territory and the Northwest Territories) with 183, 92 and 111 species, respectively. These numbers represent 24.1%, 12.1% and 14.6% of the total sawfly species recorded in northern North America (Fig. 1). As a comparison, Chalcidoidea is a more southern group with 9.1%, 5.5% and 6.3% of the total species recorded in the same three regions (Huber et al. 2021).

In total, 69 new species records of sawflies are reported for Canada, which represents 9.5% of the total number of described species recorded in the country. The number of new Canadian species records by family is summarized in Table 1 (in parentheses following the Canada totals). The checklist includes five new generic records for Canada: *Calameuta* Konow and *Trachelus* Jurine (Cephidae), *Pseudosiobla* Ashmead and *Setabara* Ross (Tenthredinidae) and *Xyelecia* Ross (Xyelidae). There are 29 new species records for Alaska (15.8% of the 183 species recorded) and seven new generic records: *Xiphydria* Latreille (Xiphydriidae) and six genera of Tenthredinidae (*Ardis* Konow, *Eutomostethus* Enslin, *Eriocampa* Hartig, *Lagonis* Ross, *Monophadnoides* Ashmead and *Monophadnus* Hartig). All families in our checklist were previously recorded from Canada. Xiphydriidae is newly recorded from Alaska. There were no new records for Greenland.

Some species of sawflies recorded in northern North America are known to have been accidentally introduced to the Nearctic since European colonization. These are indicated in Table 2 by a [§] following the author and year of publication. In some cases, it is unclear whether species have been introduced in recent times (the last 500 years) or whether they have a historical Holarctic distribution. Only species for which there is good evidence of recent, accidental introduction are considered introduced. Of the 758 total species in northern North America, 64 (8.4%) are considered as introduced. This figure may be slightly lower than the actual number of introduced species because of difficulty assessing whether species are historically Holarctic or recently introduced, especially in some of the large, relatively poorly known genera such as *Euura*, *Nematus* and *Pristiphora*. Overall, introduced species are known from 8 of the 12 families: Argidae (2 species), Cephidae (2), Cimbicidae (2), Diprionidae (4), Pamphiliidae (1), Siricidae (2), Tenthredinidae (50) and Xiphydriidae (1). Of note, within Tenthredinidae, the subfamily Heterarthrinae has a relatively high percentage of introduced species: 13 of 37 (35.1%), presumably because this group has leaf-mining larvae (Smith 1971b) that often occur unnoticed in plant material transported by humans.

It is certain that additional sampling in northern North America will increase the number of recorded sawfly species by discovery of new species, as well as detection of southern Nearctic and Palaearctic species that have previously gone unnoticed. Almost all of the undiscovered diversity will be in Tenthredinidae. Based on DNA barcode data, and using the Barcode Index Number (BIN) criterion of Ratnasingham and Hebert (2013) that 2% sequence divergence was indicative of species differences, Bennett et al. (2019) found that the number of BINs of sawflies in Canada in the BOLD database was lower than the number of recorded species in all families except Siricidae (25 BINs compared to 20 species) and Cimbicidae (15 BINs versus 8 species). The number of BINs of Tenthredinidae in Canada (528) was nearly equal to the number of species they recorded (532); however, they predicted that more than 200 additional species of Tenthredinidae were present in Canada. This prediction has been supported by a recent Nearctic review of two species groups of *Tenthredo* (30 species) which included description of 13 new species of which 9 are present in northern North America (Goulet 2020). It has been noted in other studies that the

use of DNA barcodes in sawflies works well in many groups, but can be a poor estimate of species diversity in others (Schmidt et al. 2017 for sawflies in general, Prous et al. 2017, 2020 for *Pristiphora* and *Empria* Lepeletier and Serville, respectively). Therefore, a great deal more collecting and taxonomic research is required before we are able to make a more informed estimate of the total number of sawflies in northern North America. It is hoped that this checklist will provide baseline distributional data that will facilitate these much-needed studies.

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